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THE JOURNAL *of The Department* OF AGRICULTURE

VICTORIA . . . AUSTRALIA

Vol. XXXVI.—Part 5.

MAY, 1938.

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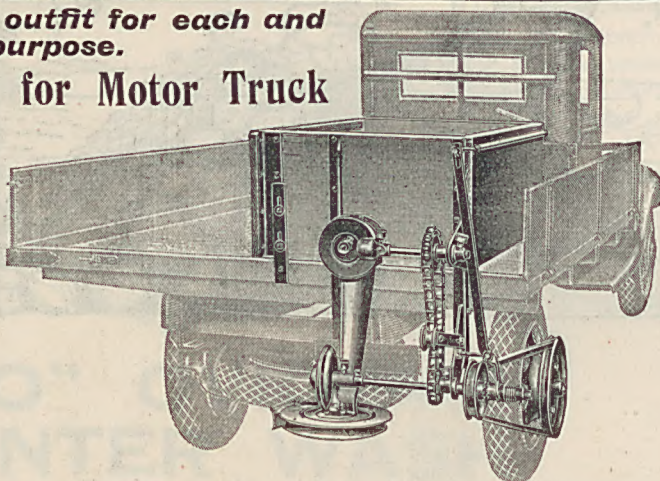
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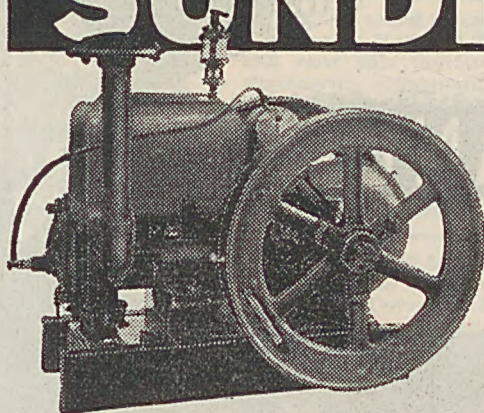
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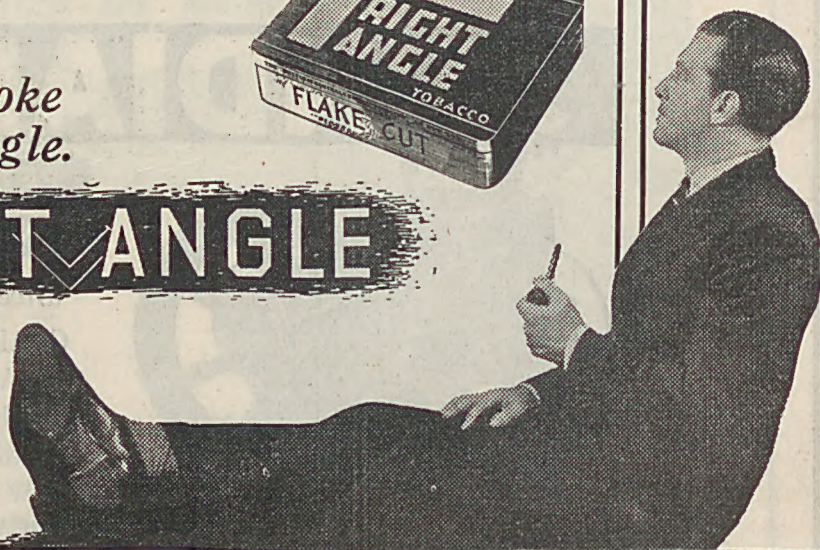


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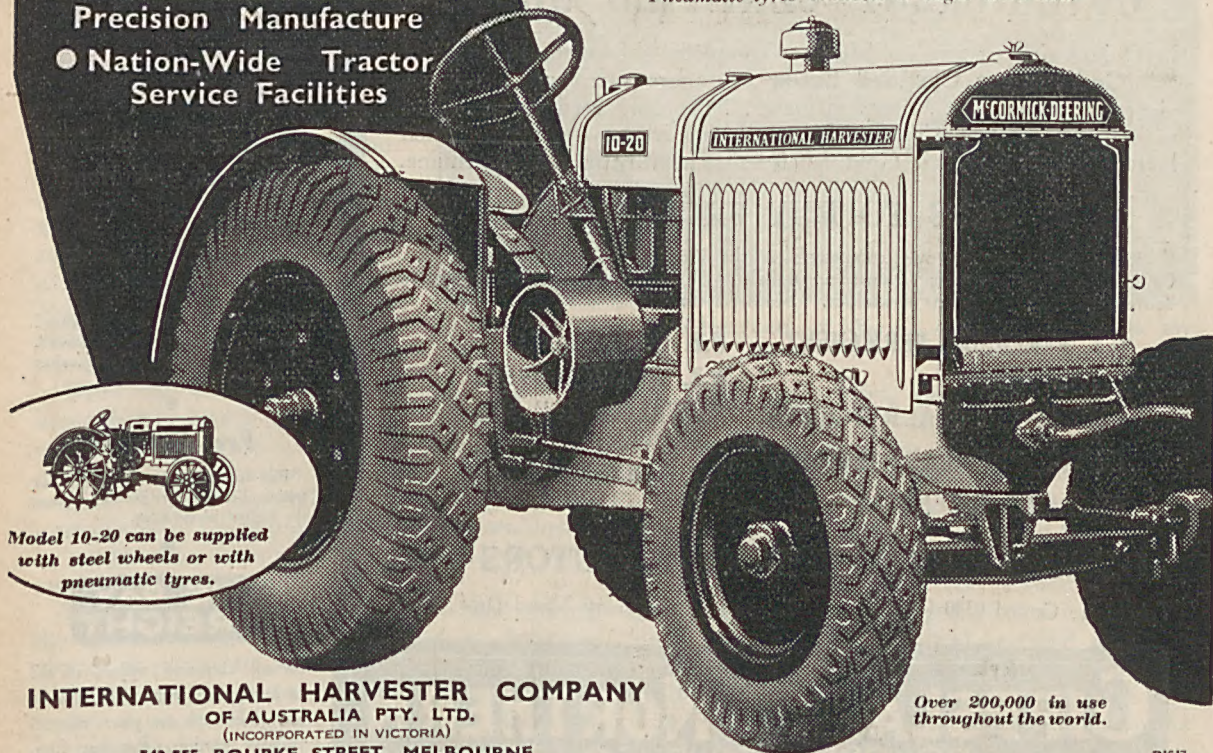
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The Journal of the DEPARTMENT of AGRICULTURE of VICTORIA

Irrigated Pasture Competition

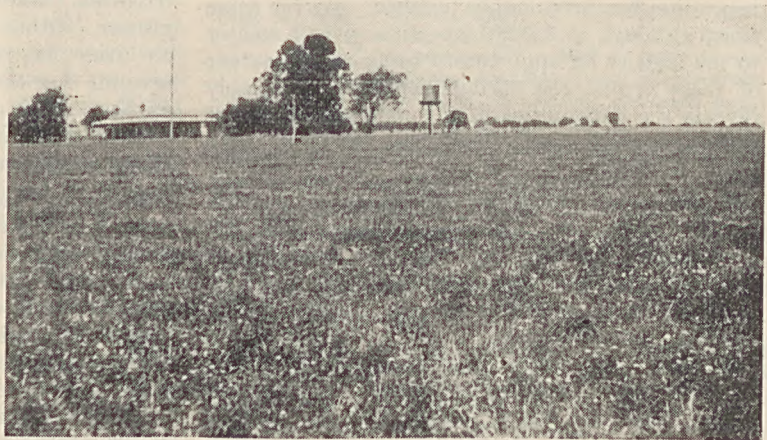
Echuca District 1937-38

Report of the Judge, A. Morgan, B.Agr.Sc. Irrigation Field Officer.

THE dry conditions this season have left their mark on permanent pastures throughout the Echuca district, in regard to density and condition of the swards. The worst effect has been that of a reduction in the ground-space occupied by white clover. This species, when short-grazed, forms a mat on the ground, between the rye-grass plants, and as the latter develops a tufted growth above-ground on most irrigated lands, these mats are usually at a lower level than the rye-grass and during irrigation are covered with water for a longer period.

While the weather remains dry, and irrigation alone is responsible for growth, the productivity of the pasture falls off to some extent, and at successive grazings the amount of feed offering is less. This is especially true on farms where a small area of the permanent pasture is established in conjunction with a large area used for subterranean clover, or for hay or grain.

The progressive shortening of the feed during the summer months, brought about by dry conditions, is easily intensified by irregular waterings. Although every grower is aware that from 2½ inches upward of irrigation water is absorbed by the ground at each watering, many will miss an irrigation after a fall of rain of about 1 inch. This means that until the next watering period,



A vigorous pasture on the farm of Mr. G. Dobson, winner of the competition.

say twelve days later, the pasture must carry on with less than half its requirement of soil moisture. Continuity of growth of the pasture is interrupted, and experience has shown that this is detrimental. Persisting in this manner for season after season, and at the same time taking off meadow hay each spring, severely restricts clover development, and the results expected from the inclusion of superior strains of white clover (such as New Zealand certified and irrigation wild white) in the original seeding are not likely to be fully realized.

It is admitted that rainy conditions during the period that water is "on" to the property introduce complications in regard to irrigation of fields sown down with the permanent mixture. Where

the natural development of paspalum and white and/or strawberry clover on old lucerne fields has produced a solid turf, there is very little cause to suspend watering because of a rain of about 1 inch, but with the rye-grass-cocksfoot-clovers mixture the situation requires more careful handling. Turfs in the newer pastures of this type are more easily injured by stock when fed off following a watering, and under wet conditions of the kind described, it is often necessary to delay watering for a day or two following the rain. To maintain these fields in top condition, however, every effort should be made to give a watering supplementary to the rainfall and this can be done with best results where the pastures are not kept too short.

When the second inspection of the pastures entered in the competition was suggested, it was with the idea of exposing errors of this type in regard to watering management, and from this rather melancholy point of view the double inspection has been amply justified. At the same time, although a March inspection gives a visitor to the district an opportunity to assess the extent of these errors, the spring inspection invariably reveals the capabilities of the blocks and almost without exception the swards are found to be in good condition.

The summer falling-off in vigour of growth, the reduction in carrying capacity, and the progressive shortening of the feed available at successive grazings, introduce another factor with a considerable influence on the health of the pasture—this is a form of scald. Scald of the extensive type, where large numbers of plants of a number of species are wiped out, is easily recognizable, but there is another type of scald which, while not spectacular, places a severe check on the development of a permanent pasture.

We have noted that the white clover mats which form between the grass plants are at a lower level than the latter in most irrigated pastures over four years' old, and that the water remains on these for a longer period than it does on the grass tufts. Scalding of these mats appears to have been particularly prevalent in the district this year, and in some paddocks has wiped out 75 per cent. of the white clover, leaving the pasture with 50 per cent. or so of bare ground. This is independent of the bare ground caused by the usual dying out of subterranean clover plants. Recovery may be expected in due course, but the important feature of this scald is that the plants have to expend energy in replacing the ground-cover, and this energy would be more satisfactorily employed in the production of feed. That is to say, there is a waste of energy in forming large numbers of new runners and roots to bind them to the ground. All this is taking place on well-graded fields with excellent lay-out for irrigation, and must be disappointing to the grower. Other reasons besides scalding—such as urine in patches—have been suggested to account for the reduction in ground-cover, but as the effect noticed is confined almost solely to the small irregularly shaped mats of clover these reasons are not acceptable.

Ways and means of reducing this type of scald to a minimum may be suggested. An obvious method of attacking the problem is to take steps to limit the extent to which sunlight comes into direct contact with the water lying on the clover mats. A reasonably heavy growth of herbage will shade this water from the sun, and there are ways of providing that such a growth will be present at watering. Frequently during the mid-summer, it can be arranged to delay the feeding off of a paddock until a few days after the watering, and the idea that the pasture should be fed off between every watering and the next should be abandoned. Grazing following every second watering is better under the roster in use in the district.

The period during which the stock are allowed to graze also needs more careful regulation than is necessary during the cooler parts of the season; firstly, because the recovery of pasture is not as satisfactory following a long grazing as it is from a short, hard grazing during which an even removal of foliage is accomplished, and



Stacking grass hay on the property of Mr. T. Gass, Koyuga.

secondly, because selective grazing is not encouraged. It is one of the virtues of white clover that under most conditions it is more palatable than the grasses, but this property can also be its undoing. With a long grazing period the stock may go over the clover mats two or three times, concentrating on them to the comparative neglect of the grasses, and so pave the way for the scald. Where sheep are run in conjunction with cows, the possibility of these undesirable effects on clover growth are intensified. Rank patches of clover occur in most paddocks, but more because of the presence of dung than because the plant itself is not palatable.

In cases where the white clover appears generally less palatable than the rye-grass, the owner should satisfy himself that the true perennial strain of the latter is present. It has been established that the false-perennial and annual types (represented by the inferior uncertified perennial rye-grasses and the Italian and Wimmera species) have gained in palatability what they have lost in persistency. A simple test which may be used to determine which kind of rye-grass is most strongly represented in the pasture is to note whether the emerging leaf of a shoot is folded or rolled. (See Fig. 1.)

In the head the presence of awns suggests annual type, and kneed and highly reddened or purpled shoots suggest the Wimmera rye-grass.

To return to the problem of scald, the exhibitor may ask why it is regarded so seriously. It is because the clover, the species most severely damaged, is the mainstay of the irrigated permanent pasture. Pastures composed almost entirely of rye-grass do well enough, and there are many who regard them as entirely satisfactory, but experimental work over the last ten years, measuring the production of the various species and their responses to manurial and watering treatment,

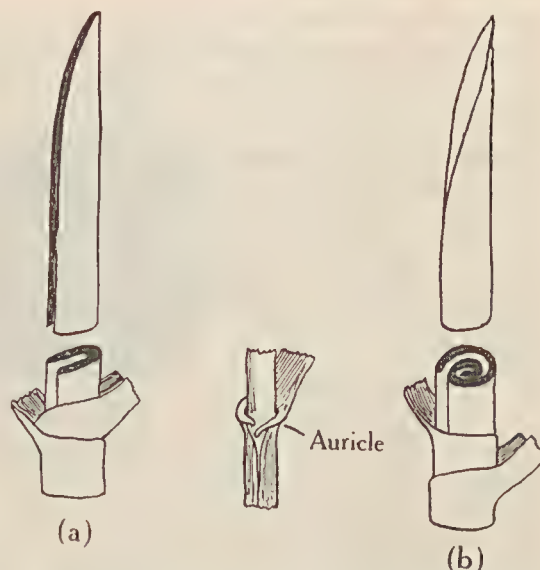


Fig. 1.—Illustrating types of emerging leaves in Rye-grasses; (a) folded in bud—typical of perennial rye-grass; (b) rolled in bud—typical of annual and intermediate types of rye-grass.

[From Percival's *Agricultural Botany*.]

shows that the clover is by far the most active producer of greenstuff of high quality. In regard to manure especially it gives the settler the best return for his investment, and where it is not looked after, carrying capacity in excess of six sheep to the acre or its equivalent in cows can hardly be expected.

Another factor which operates against the clover is the practice of regular hay-cutting. This has been stressed in previous reports on this competition, and while for economic reasons the practice has been unavoidable on some properties, those who now have a fair acreage of permanent pasture established should endeavour to follow a rotation of hay cuts by which the paddocks are cut not oftener than every second year.

The mention of hay cuts brings up the subject of alteration of the time of the first inspection, since in November it is very difficult for exhibitors to reserve a paddock for the judging. A late September or early October inspection should give all entries a better chance of being presented in good pasture condition. This was mentioned during the November judging, and it is understood that the suggestion is being favorably considered by the Society.

With regard to intervals between waterings, some exhibitors expressed satisfaction at the length of time for which some of their paddocks



A highly productive strain of white clover making headway in an irrigated permanent pasture.

withstood lack of water this season. An examination of these, however, showed a subterranean clover content which was undesirable in the permanent pasture mixture. If subterranean clover is desired for winter feed, it is more economic to have paddocks set apart for its production, on which no mid-summer watering is necessary.



The Awards.

The winning exhibit, that of Mr. Geo. Dobson, has been described in detail as the winner of previous competitions, and those interested are referred to a previous report in the April, 1936, issue of this *Journal*. The field is used continuously as a night paddock for (usually) nineteen cows, was sown with the standard permanent pasture mixture, is watered and manured according to the best practice, and the result has been ample justification of the principles of pasture establishment and management (except in regard to grazing) based on the tests carried out at the State Research Farm and supplemented by observations made

Cocking lucerne at Messrs. H. E. Keele & Son's, Bamaum.

over a wide range of conditions in the northern settlements.

The second placed exhibit, entered by Mr. R. Banko of Simmee, is a fine example of the vigour and prolificacy of the irrigation wild white clover which is becoming increasingly common. Although it has not received the manuring which would enable it to produce maximum growth, the clover in this field has been very effective, mixed with paspalum, in providing a ground cover, which even at the end of the summer was not showing any of the scalding typical of many other entries. Stocking has been high, with 37 cows,

ECHUCA IRRIGATED PASTURE COMPETITION.

Competitor.	First Inspection, 22nd to 24th November, 1937.						Second Inspection, 7th to 9th March, 1938.						Grand Total.
	Lay-out, &c., Condition of Channels and Drains.	Mixture.	Uniformity.	Condition of Herbage.	Freedom from Weeds.	Total.	Lay-out, &c., Condition of Channels and Drains.	Mixture.	Uniformity.	Condition of Herbage.	Freedom from Weeds.	Total.	
Geo. Dobson ..	19½	19	19	19	19½	96	19	19	19	18½	19½	95	191
R. Banko, No. 1 ..	18	17	19½	19½	19	93	18½	18	19½	19	19½	94½	187½
H. Keele and Sons, No. 2 ..	18½	19	18½	19	19	94	19	18½	18	17½	19	92	186
Evans Bros. ..	19	19½	17	17	19½	92	18	19	19	19	18½	93½	185½
T. Gass ..	19	19	17	17	19	91	18½	18	19	19½	19½	94½	185½
T. Perkins ..	19½	18	18	18	18½	92	19	18	18	18½	18½	92	184
H. Keele and Sons, No. 1 ..	18½	19	17½	19	17½	91½	19	18	18	18	19	92	183½
R. Banko, No. 2 ..	17½	17	19	19½	16½	89½	18½	18	19½	19	18	93	182½
Syl. E. Paynter, No. 2	18½	19	18	17	18½	91	18½	17	19	17½	18½	90½	181½
W. A. Ash ..	18	18	18	16	16	86	18	17½	18½	18½	17½	89½	175½
Mr. —. Hancock ..	17	18	18	19	17	89	16½	17½	18	17	17	86	175
Syl. E. Paynter, No. 1	17	18	18	16½	18½	88	17½	17	18	17	17½	87	175
J. R. Hare ..	19	10*	19½	18	19½	86	18½	10*	19½	19	19½	86½	172½
T. A. Ash ..	17½	16	18	13	19½	84	17	15	17	13½	17	79½	163½
H. P. Watson, No. 2 ..	18½	18	18½	18	19½	92½	Withdrawn						
H. P. Watson, No. 1 ..	18½	18	18½	17	19½	91½							

* Lucerne only.



The school plots at Koyuga.

30 poddies, and horses and pigs on the 45-acre property, and it is safe to say that, if the top-dressing was increased from a bag to the acre to two bags, there would be an increase in carrying capacity. With short narrow bays the field is irrigated with a minimum of labour, and the soil appears to be of good texture for irrigation purposes.

Messrs. Keele and Sons' pasture, sown with Colac rye-grass, red clover, cocksfoot, and white and strawberry clovers, showed a good combination of species and a lay-out suitable for the conditions. A noticeable feature of the property is the provision of shade, a number of paddocks being shaped especially to include trees. In the hot climate experienced this seems a wise policy, and the owners intend to extend their provision by further plantings.

School Plots.

The school pasture plots, generally, preserve the high standard which has been associated with the venture since Mr. J. Roy, of Rochester, first suggested their value to the scholars of the district

schools. Teachers, however, no matter how enthusiastic they may be, are sometimes faced with a task for which they have had no adequate opportunity to fit themselves, when they are asked to direct the thoughts of their pupils, towards agricultural subjects. Further, no sooner do they become conversant with the conditions of the district than they are transferred. It seems only fair to the newcomers that they should be provided with an outline of the work necessary for the successful management of the plots, and it is hoped that the following notes, although they may appear redundant to the

farmer, will satisfy a need from the point of view of the teachers.

The species being grown in the boxes are of two types—the *perennials* such as perennial rye-grass, cocksfoot, *Phalaris tuberosa* Kentucky blue-grass, white clover, strawberry clover, lucerne, &c., and the *annuals* such as subterranean, berseem and crimson clovers. The perennials must be treated rather differently from the annuals, for they should remain green throughout the year and require special attention during the mid-summer. As the school holidays take up a large part of this most important time of the year, the help of some enthusiastic pupil, parent, or committee member is essential during this time.

Suppose the boxes of perennial species are thinned out and showing a variety of volunteer weeds, &c. The first job is to obtain an even stand in each box, and to eliminate the intruders. If the box is very poor, the simplest method is to replant, and as seeding is not always successful in inexperienced hands the perennials can be conveniently re-established by selecting a plant of good type from those persisting (and it can be

SCHOOLS' COMPETITION.

School.	Inspection.	Species.	Condition.	Labels.	Freedom from Weeds.	Paths, &c.	Total.	Grand Total.
Nanneella Estate	1st	19½	19½	19½	19½	19½	97½	195
	2nd	19½	19½	19½	19½	19½	97½	
Koyuga	1st	19	19	18	19½	19½	95	188½
	2nd	19	18	18	19	19½	93½	
Echuca West	1st	19	16	19	19½	19½	93	181½
	2nd	17	15	19	18	19½	88½	

[Continued on page 257.]

Pasture Improvement

Results of 1937 Tests

The first portion of the Sixth Annual Report of the experimental pasture work conducted by the Department of Agriculture under arrangement with the Victorian Pasture Improvement League was published in the April issue of this Journal. The results of the major plots in Gippsland and the Western District were discussed in detail. The report is concluded in this issue.

By R. L. Twentyman, B.Agr.Sc., Agrostologist

Mowing Trials—New Series.

THE new series of mowing trials was established during the winter of 1935 at Warragul, Mirboo North, Larpent, and Cobden, the object being to determine if the responses previously recorded on major plots in these localities were applicable to the surrounding districts. The general results were discussed in the April Journal, but the total annual yields and amount of produce obtained from individual mowings in 1937 are set out in the following tables.

GIPPSLAND.

These tests are situated in the Warragul and Mirboo North districts to study the effect of lime on the red hill country pastures.

TABLE X.—MANURIAL TRIALS, WARRAGUL
(C. J. SNAPE, NOW T. BOARDMAN).

Season.	Yields in cwt. of Greenstuff per Acre.						
	No Manure.	Super. 2 cwt.	Super. 2 cwt., S. of A. 1 cwt.	Super. 2 cwt., S. of A. 1 cwt., Lime 1 ton.	Super. 2 cwt., Lime 1 ton.	S. of A. 1 cwt., Lime 1 ton.	Lime 1 ton.
<i>Total Annual Yields.</i>							
1936 ..	188	224	205	228	229	181	163
1937 ..	97	128	127	132	131	95	81
<i>Individual Cuts, 1937.</i>							
Apr. 23	9½	12½	12	16½	18½	12	10
Jun. 3	2½	4	3½	4½	4½	3	2½
Aug. 6	2	3	3	2½	3	1½	1½
Sep. 23	12½	22	24½	24	21½	11	8
Oct. 21	30½	39	38	39½	38½	27½	24½
Nov. 17	21½	29	28	28½	27½	21½	18½
Dec. 22	14	15	13½	13	13½	14	10½
1938.							
Feb. 2	5	4½	4½	4½	4	5	4½

WARRAGUL

(C. J. Snape now T. Boardman):

The soil on Mr. Boardman's property is a light-red clay, carrying a pasture of cocksfoot with some red, white, and subterranean clovers. The response to super. on this plot has not been large, and the further addition of lime has not materially improved the growth. There was little or no response to dressings of sulphate of ammonia given in addition to super., either with or without lime. Lime alone and lime + sulphate of ammonia have given poorer yields than the unmanured strips. Exploratory dressings of potash applied to portion of this plot showed fair responses during the past spring.

The results obtained are shown in Table X.

TABLE XI.—MANURIAL TRIALS, WARRAGUL
(C. TYSEN, No. 2).

Season.	Yields in cwt. of Greenstuff per Acre.						
	No Manure.	Super. 2 cwt.	Super. 2 cwt., S. of A. 1 cwt.	Super. 2 cwt., S. of A. 1 cwt., Lime 1 ton.	Super. 2 cwt., Lime 1 ton.	S. of A. 1 cwt., Lime 1 ton.	Lime 1 ton.
<i>Total Annual Yields.</i>							
1936 ..	127	200	209	238	225	134	127
1937 ..	75	163	142	163	175	72	78
<i>Individual Cuts, 1937.</i>							
Apr. 22	3½	5½	5½	7	7	4	5
Aug. 6	½	½	½	1	1	½	½
Sep. 23	2½	19	12½	19	26½	2	3
Oct. 20	17½	57½	46½	56½	59½	17½	21
Nov. 18	26	60	49½	58	60½	24	27
Dec. 22	20	14	21	16	15½	19	16
1938.							
Feb. 4	5½	6½	6½	5½	5½	5½	5½



One of the new-series mowing trials in the Warragul District.

WARRAGUL (C. Tyssen).

The Warragul plot is situated close to the old major plot on a similar soil, but it has an entirely different sward composition. The sward on the old plot consisted of cocksfoot and red clover, while on this newer area there is Yorkshire fog, flat weed, rib grass, and *Danthonia* with subterranean, white and suckling clovers.

The pasture on this site has given a good response to superphosphate, while lime has effected an additional increase. Sulphate of ammonia applied either to the "super. only" or super. + lime plots has not improved growth. Lime, either alone or together with sulphate of ammonia, has not increased growth in comparison with the "no manure" plots. Trial strips of potash applied to portion of these plots showed fair responses in the spring.

Table XI. shows the yields obtained from these plots.

LARDNER (R. S. Teese).

The soil at Lardner is a deep porous red clay typical of the better Gippsland red hill country. The pasture here had been regularly top-dressed with superphosphate for some years and at the time the trial was commenced it was making vigorous growth. The growth consisted mainly of cocksfoot, Yorkshire fog and subterranean clover, with some flat weed and rye-grass.

During the past year growth was adversely affected by the dry season, but the relative yields

TABLE XII.—MANURIAL TRIALS, LARDNER.

Season.	Yields in cwt. of Greenstuff per Acre.						
	No. Manure.	Super. 2 cwt.	Super. 2 cwt., S. of A. 1 cwt.	Super. 2 cwt., S. of A. 1 cwt., Lime 1 ton.	Super. 2 cwt., Lime 1 ton.	S. of A. 2 cwt., 1 cwt., Lime 1 ton.	Lime 1 ton.
<i>Total Annual Yields.</i>							
1936 ..	235	233	232	221	226	218	208
1937 ..	121	102	120	122	113	115	102
<i>Individual Cuts, 1937.</i>							
Apr. 22	11½	10	10½	15½	14½	13	15
Jun. 3	3½	2½	2½	3½	4	2½	2
Aug. 5	3½	3½	3½	3½	3½	3	2
Sep. 22	29	20½	29½	27½	22½	25	17½
Oct. 21	42½	33½	39½	38½	37	39½	35
Nov. 17	17	18	19½	18½	17	17½	16½
Dec. 22	8½	9	9	9½	9½	8½	9
1938.							
Feb. 4	5½	5½	5½	5½	6	5½	6

were much the same as in 1936, when no beneficial response was recorded from the super. 2 cwt. plots or any of the usual manurial dressings. Trial dressings of potash which were given to portion of the plot in 1936 and 1937 showed quite a marked response last year, some of the early spring cuts showing increases of over 100 per cent.

The weights of produce obtained are shown in Table XII.

MIRBOO NORTH (Edney Bros).

Messrs. Edney Bros.' soil is a light red clay loam carrying a pasture of Yorkshire fog, cocksfoot and Danthonia, with subterranean clover and flat weed. This plot has given a good response to super. and a fair response to lime when applied in addition to super. Lime alone has not shown any marked improvement over the unmanured plots. Sulphate of ammonia has not shown to advantage when used with either super. or super. and lime. In the first year there was a good response to sulphate of ammonia in the early spring, but in the past season the spring response was very small.

The results obtained are shown in Table XIII.

TABLE XIII.—MANURIAL TRIALS, MIRBOO NORTH (EDNEY BROS.).

Season.	Yields in cwt. of Greenstuff per Acre.						
	No Manure.	Super. 2 cwt.	Super. 2 cwt., S. of A. 1 cwt.	Super. 2 cwt., S. of A. 1 cwt., Lime 1 ton.	Super. 2 cwt., Lime 1 ton.	S. of A. 1 cwt., Lime 1 ton.	Lime 1 ton.
<i>Total Annual Yields.</i>							
1936 ..	131	228	213	239	246	152	154
1937 ..	82	142	140	177	188	82	75
<i>Individual Cuts, 1937.</i>							
Apr. 20	5½	7½	7½	10½	11½	6	6
Jun. 2	1	2	2	3	3½	1½	1
Aug. 4	1	2	1½	4½	5	1½	½
Sep. 22	6	21½	28	54½	54½	13	6
Oct. 22	27	60	57½	58	67	32½	23
Nov. 16	23	27½	23	24½	24½	20	20
Dec. 21	11½	14½	13½	13½	15	11½	12
1938.							
Feb. 2	6½	7	7	8	7½	6½	6½

MIRBOO NORTH (L. J. Austin).

The plot on Mr. L. J. Austin's property is situated on a light or grey red clay soil and the pasture, consisting of cocksfoot, Yorkshire fog, flat weed and plantain with a little red and suckling clovers, is lacking in vigour. Growth on all strips was poor during the past year, but there was a fair response to super. and a further response to super. and lime. The plot receiving lime and sulphate of ammonia without superphosphate has shown some improvement in growth, but sulphate of ammonia has not shown to advantage when applied in addition to superphosphate. The potash trial area showed a small increase on this plot in the early spring.

Table XIV. sets out the weights of produce obtained.

TABLE XIV.—MANURIAL TRIALS, MIRBOO NORTH (L. J. AUSTIN).

Season.	Yields in cwt. of Greenstuff per Acre.						
	No Manure.	Super. 2 cwt.	Super. 2 cwt., S. of A. 1 cwt.	Super. 2 cwt., S. of A. 1 cwt., Lime 1 ton.	Super. 2 cwt., Lime 1 ton.	S. of A. 1 cwt., Lime 1 ton.	Lime 1 ton.
<i>Total Annual Yields.</i>							
1936 ..	105	156	148	206	201	140	156
1937 ..	55	86	82	122	115	78	78
<i>Individual Cuts, 1937.</i>							
Apr. 20	5½	7	6	8½	9	6	8½
Jun. 2	1	1½	1½	1½	1½	1	1½
Aug. 4	No growth.						
Sep. 22	3½	7	12	22	14	9½	7
Oct. 22	13½	25½	24½	39½	40	23½	21
Nov. 16	13½	22	19	27	28	18½	19
Dec. 21	12½	16½	14	16	16½	13	14
1938.							
Feb. 2	5	6	6	7	6½	6	6½

LIMONITE (G. W. Bickerton).

The soil at Limonite is a dark red or chocolate clay loam maintaining a vigorous pasture of cocksfoot, Yorkshire fog, subterranean clover, flat weed and rib grass with some red and white clovers

TABLE XV.—MANURIAL TRIALS, LIMONITE (G. W. BICKERTON).

Season.	Yields in cwt. of Greenstuff per Acre.						
	No Manure.	Super. 2 cwt.	Super. 2 cwt., S. of A. 1 cwt.	Super. 2 cwt., S. of A. 1 cwt., Lime 1 ton.	Super. 2 cwt., Lime 1 ton.	S. of A. 1 cwt., Lime 1 ton.	Lime 1 ton.
<i>Total Annual Yields.</i>							
1936 ..	189	229	238	322	332	221	218
1937 ..	157	193	185	272	287	169	153
<i>Individual Cuts, 1937.</i>							
Apr. 20	18	16	14½	28½	30½	21	24
Jun. 2	7½	7½	6½	20	25	9½	7½
Aug. 4	5½	8	6	25	35	6	4
Sep. 22	38½	58	58	110½	103	50½	36½
Oct. 22	56½	66½	61½	50	51	53	52
Nov. 16	19	23½	24½	24½	29½	18	16½
Dec. 21	8½	9½	9½	8½	8½	8	8
1938.							
Feb. 1	4	4	4	4½	4	4	4½

and Lotus spp. This plot has shown a fair response to superphosphate and a good response to super. and lime. Sulphate of ammonia has not increased the yield when used with either lime or with superphosphate. Trial strips treated with potash have not shown any improved growth on this area.

The general vigour of growth on this plot is good, and it has given much higher yields than other plots situated on the red hill soils.

The weights of produce obtained are shown in Table XV.

TABLE XVI.—RELATIVE YEARLY PRODUCTION FROM VARIOUSLY MANURED PLOTS (NEW MOWING TRIALS)—GIPPSLAND, 1936 AND 1937.

Year.	No Manure.	Super. 2 cwt.	Super. 2 cwt., S. of A. 1 cwt.	Super. 2 cwt., Lime 1 ton.	S. of A. 1 cwt., Lime 1 ton.	Super. 2 cwt., S. of A. 1 cwt., Lime 1 ton.	Lime 1 ton.
<i>Limonite (G. W. Bickerton).</i>							
1936 ..	100	121	125	186	117	174	116
1937 ..	100	120	114	167	105	157	98
<i>Mirboo North (Edney Bros.).</i>							
1936 ..	100	168	155	181	112	174	115
1937 ..	100	165	162	216	111	204	93
<i>Mirboo North (L. J. Austin).</i>							
1936 ..	100	146	138	185	130	192	146
1937 ..	100	153	146	202	139	212	141
<i>Warragul (C. J. Snape, now T. Boardman).</i>							
1936 ..	100	116	106	120	98	119	88
1937 ..	100	129	128	131	98	131	80
<i>Lardner (R. S. Teese).</i>							
1936 ..	100	101	100	98	93	96	92
1937 ..	100	86	99	95	95	101	87
<i>Warragul (C. Tyssen, No. 2).</i>							
1936 ..	100	151	156	168	103	177	101
1937 ..	100	190	174	208	95	193	99

Grazing Trial—Ellinbank.

This small grazing manurial trial at Ellinbank consists of seven small paddocks, each $\frac{1}{6}$ acre (approx.) in area and individually fenced. This trial was commenced in 1935 on an impoverished pasture largely composed of Yorkshire fog, flat weed and rib grass, together with some weak cocksfoot and perennial rye-grass.

Annual dressings of fertilizer have been given to these plots as follows:—

1. No manure.
2. Super. 1 cwt. per acre.
3. Super. 2 cwt. per acre.

4. Super. 2 + sulphate of ammonia 1 cwt. per acre.
5. Super. 2 + sulphate of ammonia 1 cwt. and lime 1 ton.
6. Super. 2 + nitro chalk 1.3 cwt.
7. Super. 2 + lime 1 ton.

In addition, a strip of potash has been placed across the trial.

The plots have been grazed off at intervals by young stock and occasionally harrowed. During the past spring all the treated plots showed some improvement over the unmanured area, but growth on the super. + nitrogen + lime plot was outstanding. Compared with "no manure" the super. 1 cwt. plots showed a small improvement while super. 2 cwt. was rather better still. The super. 2 cwt. + nitrogen, and super. 2 cwt. + nitro chalk were very little better than the super. 2 cwt. only, and super. 2 + lime showed a further small improvement. The growth on the super. + lime + nitrogen plot, during the early spring, was almost four times as great as the next best plot. Marked responses to potash were observed in 1936 but during the past year potash responses were less conspicuous.

WESTERN DISTRICT.

The new mowing trials in the Western District are located in the Colac and Cobden Districts to study the effects of potash which had previously given good responses on the major plots at these centres.

TABLE XVII.—MANURIAL TRIALS, COBDEN (J. ROBERTS).

Season.	Yields in cwt. of Greenstuff per Acre.						
	No Manure.	Super. 2 cwt.	Super. 2 cwt., Potash 1 cwt.	Super. 2 cwt., Lime 1 ton.	Super. 2 cwt., Potash 1 cwt., Lime 1 ton.	Super. 2 cwt., S. of A. 1 cwt., Potash 1 cwt.	Potash 1 cwt.
<i>Total Annual Yields.</i>							
Spring, 1935	91	128	164	118	155	127½	96½
1936 ..	104	200	266	201	275	258	115
1937 ..	78	106	186	123	201	172	102
<i>Individual Cuts, 1937.</i>							
Mar. 4	6	5½	6	9	8½	6½	5
May 5	3½	3½	4	5	6	4½	4
Jul. 27	7	9½	17	10½	23	14½	10½
Sep. 16	13	23½	55½	28½	62½	58½	22½
Oct. 13	20	28	51½	30	50	46½	28
Nov. 10	22½	29½	48	30	45½	38	28
1938.							
Jan. 13	6½	6½	4	9½	5½	4	3½

COBDEN (J. Roberts).

Mr. J. Roberts' soil is a grey silt loam of good depth carrying a pasture of perennial rye, subterranean clover, Yorkshire fog, sweet vernal and bent grass with some flat weed, suckling and white clovers. The pasture had previously been regularly grazed as a "home" paddock, and while it had not been supered, it had received liberal dressings of farm-yard manure. In 1936 there was a good response to super. with a further smaller increase from potash. In the past year there was a smaller response to super. and a relatively greater response to potash. Lime has exerted a beneficial effect and has appreciably increased the yield, but sulphate of ammonia has shown a depressing effect on the total year's growth.

The results are set out in Table XVII.

COBDEN (L. Vagg).

The soil on Mr. L. Vagg's site is a deep buckshot silt loam overlying basalt rock, and the pasture consists of perennial rye, white and subterranean clovers, with Yorkshire fog, sweet vernal, flat weed and suckling clover. When first established, growth on this pasture was good, although it had not been top-dressed previously.

The plot has shown a good response to super. and a further response to additional dressings of potash, but neither lime nor sulphate of ammonia

TABLE XVIII.—MANURIAL TRIALS, COBDEN
(L. VAGG).

Season.	Yields in cwt. of Greenstuff per Acre.						
	No Manure.	Super. 2 cwt.	Super. 2 cwt., Potash 1 cwt.	Super. 2 cwt., Lime 1 ton.	Super. 2 cwt., Potash 1 cwt., Lime 1 ton.	Super. 2 cwt., S. of A. 1 cwt., Potash 1 cwt.	Potash 1 cwt.
Spring, 1935	104	125	167½	115	156	147	142½
1936 ..	136	153	266	150	238	239	178
1937 ..	103	106	200	107	204	200	142

Total Annual Yields.

Spring, 1935	174	215	239	216	236½	214	173
1936 ..	157	257	300	258	284	282	146
1937 ..	133	205	270	211	260	246	119

Individual Cuts, 1937.

Mar. 4	25	24	23½	32	26	20½	20½
May 4	4½	5	5½	5½	6	5½	4
Jul. 27	4	11½	18½	10½	19	16½	4½
Sep. 16	24½	58	99	56	93½	92½	21
Oct. 13	36	54	69	56½	66	63	34
Nov. 10	30½	40½	46½	37	43	40	28
1938.							
Jan. 13	7½	11½	7½	14	6½	8	6

has shown any material improvement in growth. During the past year the potash responses became rather more marked than they had been in the previous year.

Table XVIII. shows the weights of produce obtained from this plot.

COBDEN (R. T. Stone).

This soil at Cobden is a grey buckshot silt overlying basalt with a pasture consisting of perennial rye, Yorkshire fog, sweet vernal, subterranean and white clovers with flat weed. This pasture had been developed by repeated top-dressing with super., but recently had not shown the good response that was apparent in earlier years. The results of this experimental plot confirm the fact that this pasture is no longer giving a good response to super., and during the

TABLE XIX.—MANURIAL TRIALS, COBDEN
(R. T. STONE).

Season.	Yields in cwt. of Greenstuff per Acre.						
	No Manure.	Super. 2 cwt.	Super. 2 cwt., Potash 1 cwt.	Super. 2 cwt., Lime 1 ton.	Super. 2 cwt., Potash 1 cwt., Lime 1 ton.	Super. 2 cwt., S. of A. 1 cwt., Potash 1 cwt.	Potash 1 cwt.
Spring, 1935	104	125	167½	115	156	147	142½
1936 ..	136	153	266	150	238	239	178
1937 ..	103	106	200	107	204	200	142

Total Annual Yield.

Spring, 1935	104	125	167½	115	156	147	142½
1936 ..	136	153	266	150	238	239	178
1937 ..	103	106	200	107	204	200	142

Individual Cuts, 1937.

Mar. 4	26	26	23	33	34	25	23
May 5	5½	5½	6	6	6½	6½	6
Jul. 27	4	4½	18½	4	15	14	8½
Sep. 16	8	10	61	7½	53	66½	25½
Oct. 13	19½	19½	46	17½	48	47½	38½
Nov. 10	32	32	39½	29½	39½	35½	34½
1938.							
Jan. 1	8½	8½	6	9½	8	5½	6

past year the growth of the supered plots was scarcely better than the unmanured areas. Potash alone showed quite an appreciable response, but where it was used in addition to superphosphate an excellent response was obtained. Neither lime nor sulphate of ammonia showed any beneficial effect when used with super. The weights of the clippings taken in 1937 show that very big increases were obtained from super. + potash treated plots in the early and mid-spring cuts.

The results are set out in Table XIX.

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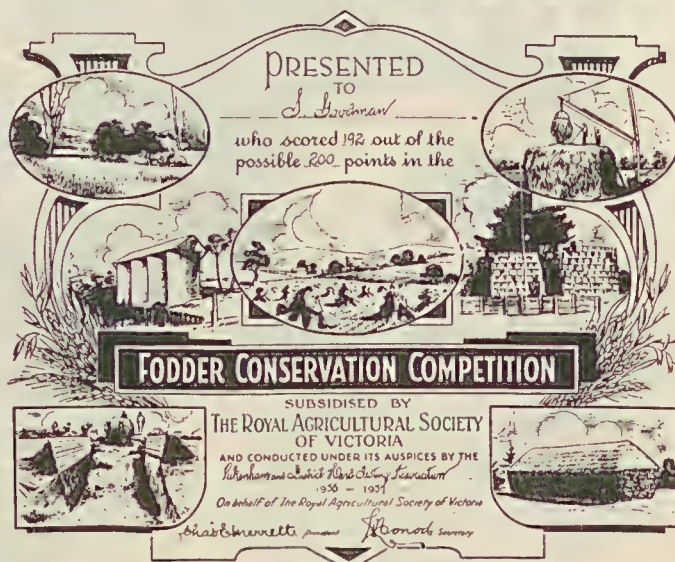
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COBDEN (J. Errey).

Mr. J. Errey's soil is a light buckshot-silt overlying basalt stone. The pasture consists of sweet vernal, perennial rye, flat weed and Kentucky blue, with some white, subterranean, and suckling clovers. This pasture had been supered for a number of years, and the surplus spring growth had frequently been cut for grass hay. The pasture had become grassy, lost vigour and was suspected of exhibiting a potash deficiency at the time that the experimental plot was established.

The results of this mowing trial (see Table XX.) show that, while the response to dressings of super. alone is small, the use of potash in addition has immediately stimulated much stronger growth. Plots treated with potash only have shown considerably better growth than the untreated strips. The general growth on this plot has been rather poor, and both lime and sulphate of ammonia appear to have been of some value when they were given in addition to the potash-super. dressing.

TABLE XX.—MANURIAL TRIALS, COBDEN (J. ERREY).

Season.	Yields in cwt. of Greenstuff per Acre.						
	No. Manure.	Super. 2 cwt.	Super. 2 cwt., Potash 1 cwt.	Super. 2 cwt., Lime 1 ton.	Super. 2 cwt., Potash 1 cwt., Lime 1 ton.	Super. 2 cwt., S. of A., Potash 1 cwt.	Potash 1 cwt.
Spring, 1935	64	75	95	66½	101½	110	86½
1936 ..	97	120	219	113	253	226	144
1937 ..	84	98	158	96	184	175	127
<i>Total Annual Yields.</i>							
<i>Individual Cuts, 1937.</i>							
Mar. 3	34½	42	39½	44	50	45	43
May 5	4	4½	6	5½	7½	6½	6
Jul. 7	3½	4½	18½	4	17	17	8
Sep. 15	4	4½	22½	4½	28	30	10½
Oct. 12	13	13	32½	11½	38	38	25½
Nov. 9	19	18½	31½	18½	35	32½	27½
1938.							
Jan. 1	6	10	8	8½	9	6	6½

COLAC WEST (J. McRae).

The soil at Colac West is a deep, strong, sandy loam, having a pasture of perennial rye and subterranean clover, with silver grass, flat weed, cape weed, Danthonia is rather conspicuous on the unmanured strips. This pasture had not been previously top-dressed, and it was lacking in vigor when the experiment commenced.

There was an excellent response to super., with some further benefit from additional dressings of potash, in the first years. During the past year the potash response became more prominent, while the super. response was rather less marked. Lime has not materially increased the growth on these plots and sulphate of ammonia has depressed the yield of the treated strips. Plots receiving dressings of potash alone have in appearance and yield been similar to the unmanured plots.

The weights of produce obtained are shown in Table XXI.

TABLE XXI.—MANURIAL TRIAL, COLAC WEST (J. McRAE).

Season.	Yields in cwt. of Greenstuff per Acre.						
	No. Manure.	Super. 2 cwt.	Super. 2 cwt., Potash 1 cwt.	Super. 2 cwt., Lime 1 ton.	Super. 2 cwt., Potash 1 cwt., Lime 1 ton.	Super. 2 cwt., S. of A., Potash 1 cwt.	Potash 1 cwt.
Spring, 1935	82	163	187½	158½	180½	174	90
1936 ..	125	293	359	298	341	317	139
1937 ..	74	133	167	140	169	158	78
<i>Total Annual Yields.</i>							
<i>Individual Cuts, 1937.</i>							
Mar. 1	4	5	4½	5½	5½	4½	4
May 3	3	2½	2½	3½	3½	3	3
Jul. 26	1½	4½	5½	4	6½	4½	1½
Sep. 14	11½	45½	75	54½	78	69	14
Oct. 11	31	48½	51½	47	48½	51½	33
Nov. 12	18½	24½	25½	23½	25	24½	19½
1938.							
Jan. 10	4	3	2½	3	2½	1½	3

LARPENT (N. Watchorn).

The soil on Mr. N. Watchorn's property is a fertile deep sandy loam carrying a vigorous pasture of perennial rye, Yorkshire fog, subterranean clover, with some flat weed and suckling clover. In the autumn previous to establishing this plot the paddock had received a dressing of 1½ cwt. of superphosphate per acre, and during the first year the "no manure" strips yielded as well as the strips receiving super. 2 cwt. (these strips having actually had 3½ cwt. per acre for the year).

In 1936 the supered plots yielded considerably better than the "no manure" plots and the additional dressing of potash showed a further benefit. In the past year the super. response has declined and the response to potash has become more marked. Lime used in addition to super. has not been of benefit, but applied to the

TABLE XXII.—MANURIAL TRIAL, LARPENT PARK ESTATE (N. WATCHORN).

Season.	Yields in cwt. of Greenstuff per Acre.						Potash 1 cwt.
	No Manure.	Super. 2 cwt.	Super. 2 cwt., Potash 1 cwt.	Super. 2 cwt., Lime 1 ton.	Super. 2 cwt., Potash 1 cwt., Lime 1 ton.	Super. 2 cwt., S. of A. 1 cwt., Potash 1 cwt.	
<i>Total Annual Yields.</i>							
Spring,							
1935 ..	107	111	117	111	117	116	106
1936 ..	173	244	301	235	278	270	188
1937 ..	130	175	233	172	257	219	150
<i>Individual Cuts, 1937.</i>							
Mar. 1	25	26½	23	27½	26½	24½	24½
May 4	5	5½	5½	6	6	5½	5½
Jul. 26	4½	8	13	9	19½	10½	6½
Sep. 14	10	25½	45½	22½	56½	51	15½
Oct. 14	33	49½	82½	44½	84½	68½	46
Nov. 12	34½	38½	46½	41	49	41½	38
1938.							
Jan. 10	18	21½	17½	21½	15	17½	14½

TABLE XXIII.—RELATIVE YEARLY PRODUCTION FROM VARIOUSLY MANURED PLOTS (NEW MOWING TRIALS)—WESTERN DISTRICT, 1935, 1936, AND 1937.

Year.	No Manure.	Super. 2 cwt.	Super. 2 cwt., Potash 1 cwt.	Super. 2 cwt., Lime 1 ton.	Super. 2 cwt., S. of A. 1 cwt., Potash 1 cwt.	Super. 2 cwt., Potash 1 cwt., Lime 1 ton.	Potash 1 cwt.
<i>Cobden (J. Roberts).</i>							
1935 ..	100	135	173	130	162	138	107
1936 ..	100	193	258	195	256	267	110
1937 ..	100	122	193	154	181	218	115
<i>Cobden (L. Vagg).</i>							
1935 ..	100	122	141	125	142	122	98
1936 ..	100	160	185	161	175	176	93
1937 ..	100	142	174	151	158	170	89
<i>Cobden (R. T. Stone).</i>							
1935 ..	100	121	158	110	148	139	135
1936 ..	100	114	202	110	198	195	135
1937 ..	100	103	174	107	175	184	129
<i>Cobden (J. Errey).</i>							
1935 ..	100	118	149	104	170	159	136
1936 ..	100	125	234	118	243	269	152
1937 ..	100	118	174	117	193	205	146
<i>Larpen Park (N. Watchorn).</i>							
1935 ..	100	105	111	103	105	107	100
1936 ..	100	143	176	137	158	162	108
1937 ..	100	130	161	129	154	176	110
<i>Colac West (J. McRae).</i>							
1935 ..	100	230	264	248	248	232	111
1936 ..	100	227	272	232	247	265	110
1937 ..	100	169	208	178	195	212	104

potash-super. plots it showed a material increase on this trial last year. Sulphate of ammonia has not been of benefit and has depressed the total annual yield.

Table XXII. shows the weights of produce obtained from this plot.

Irrigated Pasture Trials.

Pasture plots were commenced in the Kerang and Swan Hill districts in 1935. These were established under unfavourable weather conditions, but subsequently made a good recovery and have since developed swards showing interesting contrasts. Most of the species sown have persisted well, but they exhibit considerable difference in their ability to make vigorous growth under the conditions provided.

SWAN HILL (A. Douglas).

Twelve irrigations at approximately fortnightly intervals were given to the Swan Hill plot during the 1936-37 season, and the pasture has continued to make satisfactory development. During the year 1936-37 the area carried 0.77 milking cow per acre, an increase of over 50 per cent. as compared with the year of establishment. This increase was partly due to the plots having been subdivided, and the adoption of a form of rotational grazing.

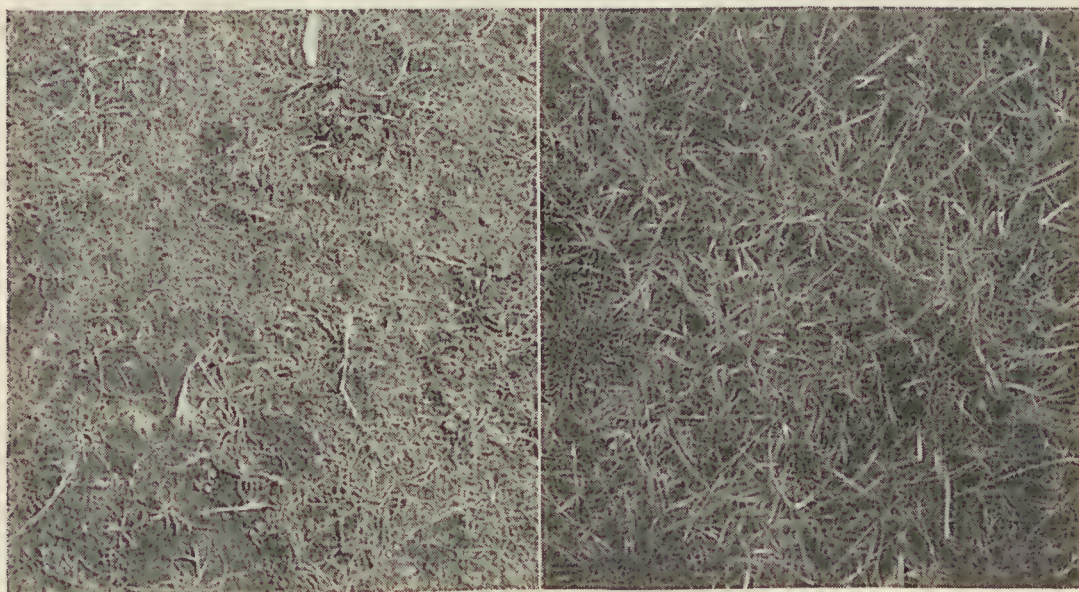
Perennial rye, cocksfoot, Phalaris, lucerne, red and alsike clovers have all made good headway on the plot, and white clover is commencing to spread over the whole area.

The manurial trials have shown an increased growth on the supered plots as compared with the unmanured pasture, but amongst themselves the variously manured strips have not shown any visible differences. When facilities are available, it is hoped to institute mowing tests on these plots for accurate determination of the differences.

KERANG (F. H. Kane).

Partly owing to unfavourable growing conditions and the effect of previous severe grazing, the plot at Kerang did not make good growth during the early part of the year. In the latter part of the season, however, it made an excellent recovery, and the "irrigation" white clover which was sown in the spring of 1936 became prominent. Excellent grazing has been provided by the plot during the late spring and early summer.

Compared with the previous year the sward on this plot has now greatly improved, having been encouraged by a policy of lenient grazing and adequate watering. Difficulty has been encountered in developing a dense unbroken pasture



Pasture establishment trials at Hamilton. Left, growth on subterranean clover plot last December. Right, sward on area sown to mixed perennial grasses.

sward on this heavy type of clay soil and observations made suggest that *Paspalum* might aid in producing a close sward and preventing abnormal cracking and erosion. Perennial rye is still the main constituent in the pasture sward, but cocksfoot is gradually improving. *Phalaris tuberosa* has made good growth, but it has not been grazed very readily by the stock.

Manurial trials were established across three bays at the western end of the plots in the early autumn of 1937 to serve as a preliminary trial for more detailed manurial tests to be laid down later. So far, these treatments have not shown differential responses between the various manures.

While it has been recorded that fertilizer treatment and the nature of the sown species have an important bearing on the productivity of an irrigated pasture, the results of these trials suggest that careful attention must be given to the grazing management if good pastures are to be maintained in a vigorous condition. Both overgrazing and undergrazing can seriously lower the annual production and for this reason it seems almost essential that irrigated pastures should be effectively subdivided so that rotational grazing can be practised and the pastures maintained in a vigorous condition.

LIGHTER PASTORAL DISTRICTS.

A full description of the plots and their early development at Hamilton, Trawalla and Winchelsea was given in last year's report. These trials

were designed (1) to determine the most effective means of establishing subterranean clover and other superior species in native grass pastures, and (2) to introduce the better grasses into established subterranean clover pastures. Generally, it has been found that subterranean clover can be readily introduced into native pastures by mere surface working and sowing the seed mixed with superphosphate. Usually it can be established much more readily on the sandy loams than on the heavier clay soils.

The Trawalla trials suggest that on established *Danthonia* pastures it is undesirable to give too severe a surface working if it is intended to preserve the natural grasses. Plots given four strokes with a rigid tyne combine now show more annual grasses and much less *Danthonia* than adjacent plots which received either one or two workings. Similarly heavy dressings of superphosphate given in the first year encouraged strong growth, in which *T. striatum* and hair grass were excessively prominent, to the detriment of both the subterranean clover and the *Danthonia*. Plots receiving 90 lb. of superphosphate, together with 3 lb. clover seed per acre, made a good establishment, but a stronger growth and better residual effect were obtained on plots receiving one bag of super. per acre.

At both Hamilton and Trawalla an attempt was made to establish superior species on the natural pasture by means of surface working only. In contrast with this section an adjacent

area was ploughed and allowed to lie fallow. In the following autumn it was sown to the same varieties of grasses and clovers. The "take" of the species on the pasture, surface-worked only, has usually been poor and it is apparent that the success of establishment by this method is dependent upon having both soil and weather conditions favorable. Sown under these conditions subterranean clover usually made a good establishment and perennial rye has also taken fairly well, but most of the remaining species failed to develop in competition with the natural pasture.

Excellent establishment and sward development have resulted on the adjacent areas which were ploughed and harrowed before being sown. Very good swards both of pure species and pasture mixtures have been developed on light pasture land so treated at Hamilton and Trawalla, and the survival and growth of these species over the next few years should furnish interesting comparisons.

A second trial established at Hamilton on an old deteriorated "improved" pasture (subterranean clover having built up soil fertility and subsequently been choked out by the cape weed it had encouraged), has also given excellent establishment of most of the sown species. This area was ploughed and harrowed before sowing and there has been almost a complete suppression of the cape weed. Subterranean clover has become re-established and made vigorous growth on the plots on which the sown species are not vigorous, but where good swards of the perennial grasses have been established the clover has re-established only in small amount.

BOTANICAL ANALYSES

(Non-Irrigated Areas).

When the pasture experimental work was commenced, provision was made for the periodical estimation of the botanical composition of the pastures in order to record changes which might be brought about by the varied treatment. None of the pasture swards was composed of pure species, and most of them consisted of several important elements. At the commencement of the work it was thought that botanical analyses might explain the differential responses of pastures to various fertilizer treatments. It was then known that sulphate of ammonia gave its best results in the absence of clovers and that the use of superphosphate generally resulted in a stimulation of the clovers and trefoils, and it was considered that cutting with the motor mower favoured the low growing clovers and rosette weeds.

Records of the botanical composition of the pasture were made at the time of each mowing, but this work had not proceeded very far before it was realized that the estimates were usually being made on a changing population capable of large variations in proportion from season to season and from year to year. These variations due to natural causes were usually of a much greater magnitude than the small differences, resulting from manurial treatment, which it was desired to record. As a consequence more importance is now attached to determining the factors bringing these major changes about rather than to recording minor changes due to the manurial treatments.

Where the pastures were composed mainly of one dominant species such as perennial rye, *Danthonia* or subterranean clover, they have shown considerable stability, and variations in composition due to manurial treatment, seasonal influences, or grazing management have not been very great. On the other hand swards composed of mixed types having very different growth habits such as, annual and perennial species, low and tall growing forms, early and late season growing types, plants requiring high or tolerating low fertility conditions, are liable to large variations in composition according to the way the varying conditions favour one species or another.

Swards composed of single species usually have a restricted growing period, their peak period of growth is very marked and very little growth may be made on the pasture for the remainder of the year. Mixed pastures composed of several species usually have a much more prolonged growing season, the spring flush of growth is not so marked, and there is usually some green picking on them over most of the year.

Botanical analyses made on the Warragul plots threw some light on the original lack of response to super. alone on the old major plot mowing area, as compared with the good response of the adjacent newly-established plot. The old sward which was unresponsive consisted of cocksfoot and red clover, while on the newer plot a natural pasture, consisting of a number of responsive species, existed. Such cases have been uncommon, and it has usually been found that most mixed pastures in the better rainfall districts contain a sufficient proportion of responsive species to respond to any suitable fertilizer treatment. The native *Danthonia* pastures in the areas of lower rainfall are a notable exception, and they usually do not give a satisfactory response to superphosphate unless clovers are introduced.

In southern Victoria pastures vary greatly according to the average local rainfall, nature of the soil, and as to whether they are situated on hills, valleys, or plains. In addition to these influences further botanical changes may occur through—

1. The colonization by new species adapted to the environment (e.g., subterranean clover, red leg grass, &c.).
2. The improvement of soil fertility (top-dressing with superphosphate, &c.).
3. Variations in seasonal rainfall (particularly with wet summers or unduly dry autumns).
4. Grazing management (under or overstocking and the holding of dry feed for winter grazing).
5. Attack by insect pests in the autumn.

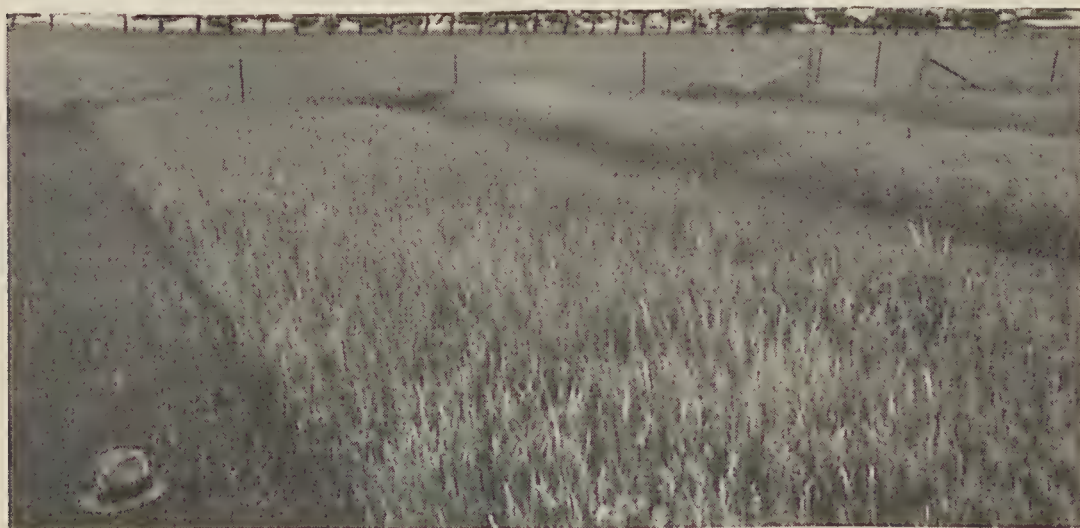
To ascertain the effect on the composition of mixed pasture of harvesting at different stages, plots have been established in the Colac and Warragul districts. In these plots series (1) is cut early and kept short during the spring, series (2) is cut early, as for silage, and the subsequent grass growth kept short, series (3) is cut as for grass hay, and series (4) is kept as dry standing feed and "grazed off" in autumn.

Large changes in sward composition have been brought about at Warragul on the cocksfoot-subterranean clover dominant pasture and at Colac on a perennial rye, subterranean and suckling clover pasture, but a second plot at Colac, consisting of dominant meadow foxtail with suckling clover, has shown very little alteration under this treatment.

Observations as to the effect of manurial treatment on pasture have been made on the grazing areas of the major plots and on the mowing tests, the swards on the grazing plots being regarded as a check on the results of the mowing areas.

All the strips on the mowing manurial areas are cut at similar time intervals and it might be expected that under these conditions any changes in sward composition would be the normal result of the manurial treatment. The conclusion reached from observations made on these plots is that the direct effect of the fertilizer on the composition of the sward is not very large, and that the influence of secondary effects is liable to bring about much greater changes in the pasture. Under normal farming practice, top-dressing with superphosphate usually results in a marked increase in the proportion of clovers in the pastures. Phosphates directly stimulate the growth of clovers, but these are encouraged even more by the fact that the increased palatability results in the stock keeping the treated pasture short, which permits the clovers to grow vigorously without being suppressed by the taller grasses.

Superphosphate favours the early spring-growing species, and in southern Victoria its use tends to increase the clovers, trefoils, and perennial rye if the pasture is grazed short, but soft brome, hair grass, and Yorkshire fog, usually develop if the supered pasture is under-grazed. Sulphate of ammonia has an immediate burning effect on the clovers when applied and the subsequent stimulation given to the taller growing grasses tends to choke out the surviving clover. Potash and lime on responsive soils usually encourage all pasture



Showing the strong development of Yorkshire fog on the late-cut plots—Colac West.



Compare the open sward on the late-cut plot (foreground) with the dense sward on the early-cut area.

species, but the reinvigoration of the clover is usually the most prominent feature of the growth.

Increased soil fertility encourages a heavier growth of pasture which usually results in a suppression of the lower growing forms. Competition between the tall and low-growing forms is usually the most powerful influence on pasture composition in southern Victoria. Regular grazing favours the development of a close sward, perennial rye and the clovers benefiting from this treatment. Lenient grazing favours the development of grassy pastures with Yorkshire fog and the annual grasses becoming dominant. Over grazing encourages flat weed, plantains, couch type of grasses and low-growing clovers, and in the richer loose soils, cape weed becomes troublesome.

Repeated grass hay cutting favours the development of grassy pastures and results in poor growth in the winter period. Later, soil fertility drops, pasture growth becomes sparse and the rosette weeds become prominent. Holding dry standing feed on the pastures over the summer for autumn grazing encourages the growth of tall tussocky grasses, and the swards tend to open up. The

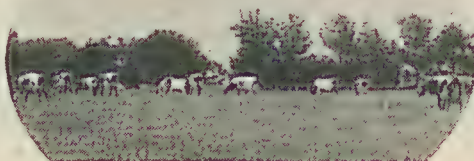
amount of old feed present on a pasture has a controlling influence on the autumn re-establishment of the annual clovers.

Differential grazing in the early spring to control the balance of species is generally not practicable on non-irrigated pastures in southern Victoria and, with the species usually present, does not appear to be of much value in controlling the balance of species.

Summer rains encourage white and red clovers, cocksfoot, *Paspalum*, *Setaria* spp. couch grass, flat weed and plantains. Good early autumn rains encourage the annual species in improved mixed pastures. Insect attack in the late autumn is liable to suppress annual clover growth throughout the year.

While it is desirable to know the nature and relative importance of the component species in a sward, the value of repeated accurate botanical analyses in order to trace small sward variations is limited where large changes are liable to be brought about by uncontrollable and unmeasurable external influences. Except where soil fertility has been depleted by the repeated mowing and removal of the produce, the swards on most of the mowing areas have not deteriorated throughout the period of the experiments. The plots have usually been permitted to make good growth between the mowings and usually under these conditions the flat weed and plantains develop an upright habit and are defoliated with the rest of the species. The composition of these plots has not materially changed from what it was in the original state.

The appearance of some plots, suffering from a potash deficiency, would suggest that the mechanical action of the mower was the cause of their deterioration, but the rapidity with which they respond to dressings of potash dismisses this possibility.



Australian Broadcasting Commission

National Talks Programme

2BL, 2NR, 2CO, 3AR, 3GI, 4QR, 4RK, 4QN, 5AN, 5CK, 7ZL, 7NT.

National Talks for Mondays and Wednesdays, 7.40 to 7.55 p.m., are arranged for three or four months in advance. For other days and at other times they are arranged from month to month. All times stated are *Eastern Standard Time*.

The following is the programme so far as has been arranged.

SUNDAYS

9.15 to 9.30 a.m.:

On the first Sunday in every month. (For this Session South-eastern Queensland must tune in to 4QG instead of 4QR.)

May 1—"SOIL SURVEYS AND THE AUSTRALIAN FARMER."

By Professor J. A. Prescott [Adelaide]

June 5—"HOW THE SCIENTIST CAN HELP THE FARMER."

By Professor A. E. V. Richardson [Melbourne]

10.15—10.30 a.m. every Sunday, commencing June 5th, Review of CURRENT BOOKS WORTH READING. (S.E. Q'ld. tune to 4QG.)

3.00 to 3.20 p.m. every Sunday:

"WITH OUR CRICKETERS IN ENGLAND."

A chat about the cities and counties in which the Australian team will be playing each week.

By Mr. F. S. Burnell [Sydney]

6.30 to 6.45 p.m.:

May 1—"SCIENCE IN THE NEWS."

By Professor W. J. Dakin [Sydney]

May 8—"INTRODUCTION TO DRAMA WEEK."

By Mr. F. D. Clewlow, Federal Controller of Productions [Sydney]

May 15—"SCIENCE IN THE NEWS."

By Professor W. J. Dakin [Sydney]

May 22—"ROME" (First Talk in the series "Memories of Three Cities.")

By Professor Walter Murdoch [Perth]

May 29—"SCIENCE IN THE NEWS."

By Professor W. J. Dakin [Sydney]

June 5—"PARIS." (Second Talk in the series "Memories of Three Cities.")

By Professor Walter Murdoch [Perth]

June 12—"SCIENCE IN THE NEWS."

By Professor W. J. Dakin [Sydney]

June 19—"LONDON." (Third Talk in the series "Memories of Three Cities.")

By Professor Walter Murdoch [Perth]

June 26—"SCIENCE IN THE NEWS."

By Professor W. J. Dakin [Sydney]

July 3—"DRIFTING OR STEERING." (First Talk in the series "An Australian Creed.")

By Professor Walter Murdoch [Perth]

July 10—"SCIENCE IN THE NEWS."

By Professor W. J. Dakin [Sydney]

July 17—"THE ENEMIES OF PROGRESS." (Second Talk in the series "An Australian Creed.")

By Professor Walter Murdoch [Perth]

July 24—"SCIENCE IN THE NEWS."

By Professor W. J. Dakin [Sydney]

July 31—"WANTED—A COMMON PLATFORM." (Third Talk in the series "An Australian Creed.")

By Professor Walter Murdoch [Perth]

Aug. 7—"SCIENCE IN THE NEWS."

By Professor W. J. Dakin [Sydney]

8.30 to 8.50 p.m. every Sunday. Talk on INTERNATIONAL AFFAIRS.

May 1—Dr. A. C. V. Melbourne.

May 8—Dr. E. R. Walker.

May 15—Dr. E. R. Walker.

May 22—Dr. G. L. Wood.

MONDAYS — 7.40 to 7.55 p.m.:

"THE VIEWPOINT CHANGES" (Series).

May 2—"FREEDOM OF SPEECH."

By Judge A. Foster [Melbourne]

May 9—"CONSCRIPTION."

By Professor G. Crawford [Melbourne]

May 16—"WAR."

By Mr. J. A. McCallum [Sydney]

May 23—"MORALS."

By Professor G. V. Portus [Adelaide]

May 30—"HOME LIFE."

By Mrs. Clarence Weber [Melbourne]

"YOUTH AS CRITIC" (Series).

A series designed to give the *young men* an opportunity to criticise.

June 6—"OUR UNIVERSITIES."

By Mr. L. F. Crisp [Adelaide]

June 13—"IS DEMOCRACY A SHAM?"

A Discussion between Messrs. K. Ditterick and Montague Brown. [Melbourne]

June 20—"THE DISTRIBUTION OF WEALTH."

A Discussion between Messrs. E. Ward and Horace Brown . . . [Melbourne]

June 27—"OUR PLEASURES."

By Mr. N. T. Lovell [Sydney]

July 4—"RELIGION."

By Mr. F. W. Coaldrake [Brisbane]

"AMERICA TODAY" (Series).

By Mr. C. Hartley Grattan [Sydney]

July 11—"A CHAT ON AMERICA'S ECONOMY."

July 18—"A CHAT ON AMERICA'S CULTURAL LIFE."

"NEW ZEALAND'S NEW DEAL" (Series).

By Mr. N. M. Richmond [Brisbane]

July 25—"NEW ZEALAND'S NEW DEAL. PART I.

Aug. 1—"NEW ZEALAND'S NEW DEAL." PART II.

Aug. 8—"AN AMERICAN'S VIEWS ON NEW ZEALAND'S NEW DEAL."

By Mr. C. Hartley Grattan [Melbourne]

TUESDAYS

May 3 at 9.45 p.m.—"THE WRECK OF THE ADMELLA."

By Mr. Guy Wells [Adelaide]

A Talk will be arranged somewhere between 9.30 and 10.00 p.m. each TUESDAY.

WEDNESDAYS — 7.40 to 7.55 p.m.

"GREAT AUSTRALIANS" (Series).

"And Still They Live."

April 20—"MR. ALFRED DEAKIN."

By Professor Walter Murdoch [Perth]

April 27—"SIR EDGEWORTH DAVID."

By Dr. R. E. Priestley [Melbourne]

May 4—"SIR GRAFTON ELLIOT SMITH."

By Professor J. L. Shellshear [Sydney]

May 11—"DAME NELLIE MELBA."

By Mr. Lindley Evans [Sydney]

May 18—"SIR CHARLES KINGSFORD SMITH."

By Mr. Norman Ellison [Sydney]

"MY VISIT TO GERMANY" (Series).

By Professor S. H. Roberts [Sydney]

May 25—"ADVENTURES IN NAZIDOM."

June 1—"INTERVIEWS WITH NAZI PERSONALITIES."

"IN THOSE EARLY DAYS" (Series)

By Professor Ernest Scott [Melbourne]

June 8—"WHAT NAPOLEON BONAPARTE MAY HAVE SAID TO BOUGAINVILLE."

June 15—"TWO RACES THAT WERE NEVER RUN."

June 22—"AMALIE DIETRICH."

June 29—"WHY NOT AN AUSTRALIAN CULTURE?"

By Mr. P. R. Stephensen [Sydney]

July 6—"WHY NOT AN AUSTRALIAN CULTURE?—ANOTHER VIEW."

By Mr. J. I. M. Stewart [Adelaide]

"SOME 'OUT OF THE WAY' BOOKS."

By Mr. Ian Maxwell [Sydney]

July 13—"THE SAGA SPIRIT."

July 20—"FOLLY IN OLD FRANCE."

"THIS, CHANGED THE WORLD" (Series).

July 27—"DISCOVERIES BY STONE AGE MAN."

By Mr. F. S. Shaw [Hobart]

Aug. 3—"GUNPOWDER."

By Professor E. J. Hartung [Melbourne]

Aug. 10—"COAL."

By Professor E. J. Hartung [Melbourne]

Aug. 17—"VACCINATION."

By Professor W. A. Osborne [Melbourne]

Aug. 24—"BACTERIA."

By Professor W. A. Osborne [Melbourne]

Aug. 31—"THE ENGINEER THROUGH THE AGES."

By Sir Henry Barraclough [Sydney]

Sept. 7—"STEAM."

By Sir Henry Barraclough [Sydney]

Sept. 14—"ELECTRICITY."

By Sir Henry Barraclough [Sydney]

THURSDAYS — 7.40 to 7.55 p.m.

The National Talk on each Thursday evening during May will be a Review of

"CURRENT BOOKS WORTH READING."

As from the first Sunday in June the National Book Review will be broadcast every Sunday morning at 10.15 a.m., and National Talks on other subjects will be arranged for Thursday evenings.

FRIDAYS — 7.40 to 7.55 p.m.

May 6—"THE ART OF STRAIGHT THINKING"—Final Talk in the Series—"YOU DON'T MEAN THAT."

By Mr. W. Macmahon Ball [Melbourne]

May 13—"LOOKOUT! IT'S FRIDAY, 13TH!"

By Mr. G. Hermon Gill [Melbourne]

A National Talk will be arranged every FRIDAY evening at this hour.

WEDNESDAYS and FRIDAYS at 6.00 p.m.

2BL, 2NR, 2CO, 3AR, 3GI, 4QR, 4RK, 4QN.

National Talks on Wednesdays and Fridays are arranged specially to interest young people. Usually these talks will be broadcast by young people themselves. During May the subject of the Talks and Discussions will be:

"OUR SCHOOLS—WHAT WE THINK OF THEM"

May 4—"DO WE TEACH THE RIGHT THINGS IN SCHOOL?"

By Professor G. S. Browne [Melbourne]

May 6—"WHAT SECONDARY SCHOOLS SHOULD TEACH."

A Discussion by Some Young People [Melbourne]

May 11—"DO EXAMINATIONS STIFLE TRUE EDUCATION?"

By Professor G. S. Browne [Melbourne]

May 13—"HOW WE WOULD DEAL WITH THE EXAMINATION PROBLEM."

A Discussion by Some Young People [Melbourne]

May 18—"THE WINNETKA SCHOOLS, CHICAGO."

By Rev. C. T. Parkinson [Sydney]

May 20—"WOULD THE WINNETKA PLAN WORK IN AUSTRALIA?"

A Discussion by Some Young People [Melbourne]

May 25—"THE IDEAL SCHOOL FOR AUSTRALIA."

By Rev. C. T. Parkinson [Sydney]

May 27—"OUR CONCEPTION OF AN IDEAL SCHOOL FOR AUSTRALIA."

A Discussion by Some Young People [Melbourne]

Kaniva Crop and Fallow Competition 1937

Report of the Judge. A. B. Hackwell, B.Agr.Sc., Agricultural Instructor

THE Kaniva district, in the western Wimmera, with its fertile soils and fairly reliable rainfall, is one of the most productive wheat areas in the State. In the past season many excellent crops were grown; the 26 exhibits (each 50 acres) in the local crop competition were of a particularly high standard, several being estimated to yield in the vicinity of 45 bushels per acre.

Varying types of soil are under cultivation, including rich black loams, red clay loams, lighter sandy ground, and mixed land. The type of farming differs from the eastern Wimmera, in that more sheep are carried in the Kaniva area and the land is not cropped so consistently. The cultivation paddocks are frequently left out for grazing purposes periodically, and the large land holders are in a position to crop comparatively fresh land which has been out to grass for many years. These factors contribute in some measure to the prolific yields commonly obtained; at the same time sound and thorough methods of wheat growing are employed. Very wet winters are not favorable to maximum production in this area, but such conditions have not been experienced for many years.

In the past season good opening rains in May enabled sowing to be commenced in this district earlier than in other parts of the Wimmera, and most of the crops were sown by mid-June. The rainfall in the growing period (June to November) was lighter than usual, 9 inches as compared with the average of 11 inches, but a good proportion came in the vital spring months, 2 inches being received in September and a similar amount in October. On some farms, particularly at the Serviceton end, the September rainfall was not so heavy and the yields were of a lower range. Many crops also benefited considerably from the extra moisture reserves in the soil consequent upon the substantial downpours in the previous summer. In some places 8 inches fell during December and January, and the lower-lying flats and swamps were flooded for a long period. Several of the heaviest crops in the competition were grown on such paddocks.

Wheat Yields.

In recent years there has been a marked increase in the yield per acre obtained throughout the Victorian wheat belt, and growers in the western Wimmera have contributed in no small measure to this improvement. In the Lowan County, which includes the Kaniva district, Nhill and east to Dimboola, and the Jeparit-Yanac area, the wheat yield in the 1937 season was the highest recorded this century, namely 23.9 bushels per acre, the area sown being 209,577 acres.

The average wheat yield per acre obtained in this county each year since 1900 is shown in the following table:—

LOWAN COUNTY—AVERAGE WHEAT YIELD—
BUSHEL PER ACRE.

1937 .. 23.9	1925 .. 17.7	1913 .. 16.2
1936 .. 22.0	1924 .. 22.9	1912 .. 13.7
1935 .. 20.1	1923 .. 17.5	1911 .. 9.9
1934 .. 15.4	1922 .. 21.2	1910 .. 9.8
1933 .. 17.0	1921 .. 21.5	1909 .. 12.8
1932 .. 17.6	1920 .. 20.9	1908 .. 12.5
1931 .. 16.2	1919 .. 13.5	1907 .. 10.0
1930 .. 19.2	1918 .. 15.8	1906 .. 10.7
1929 .. 18.3	1917 .. 16.5	1905 .. 12.4
1928 .. 20.4	1916 .. 17.9	1904 .. 13.3
1927 .. 15.7	1915 .. 16.8	1903 .. 13.5
1926 .. 20.5	1914 .. 1.8	1902 .. 3.2
		1901 .. 8.5
		1900 .. 7.4

It will be noted that very high yields were recorded in the past three seasons, and the average for the period 1935-36-37 was the best on record for any three-year period. Favorable seasons have not been entirely responsible for these present-day high yields. The more widespread use of the Ghurka variety, however, has been a contributing factor. This variety, which was produced by the Victorian Department of Agriculture, is the most prolific wheat in general cultivation in this State, also it is immune to flag smut, partially resistant to rust, and its greater use has helped



A fine crop of a promising crossbred wheat grown in the Wimmera.

to offset the losses which accrued from these diseases. The area sown with Ghurka has gradually increased, so much so that in the past season more than half the crop in the Lowan County was sown with this variety. Several other factors have each played a part in raising the yield; for example the more general use of tractors and power farming has enabled farmers to speed up their work and take more advantage of the favorable opportunities that present themselves for cultivating the fallows and sowing the crop.

For many years the farmer has been ready and willing to co-operate with the scientist, and as a result of their joint efforts, combined with fairly favorable seasons, the wheat yield has gradually risen, culminating in a record yield in the past season.

Wheat Varieties.

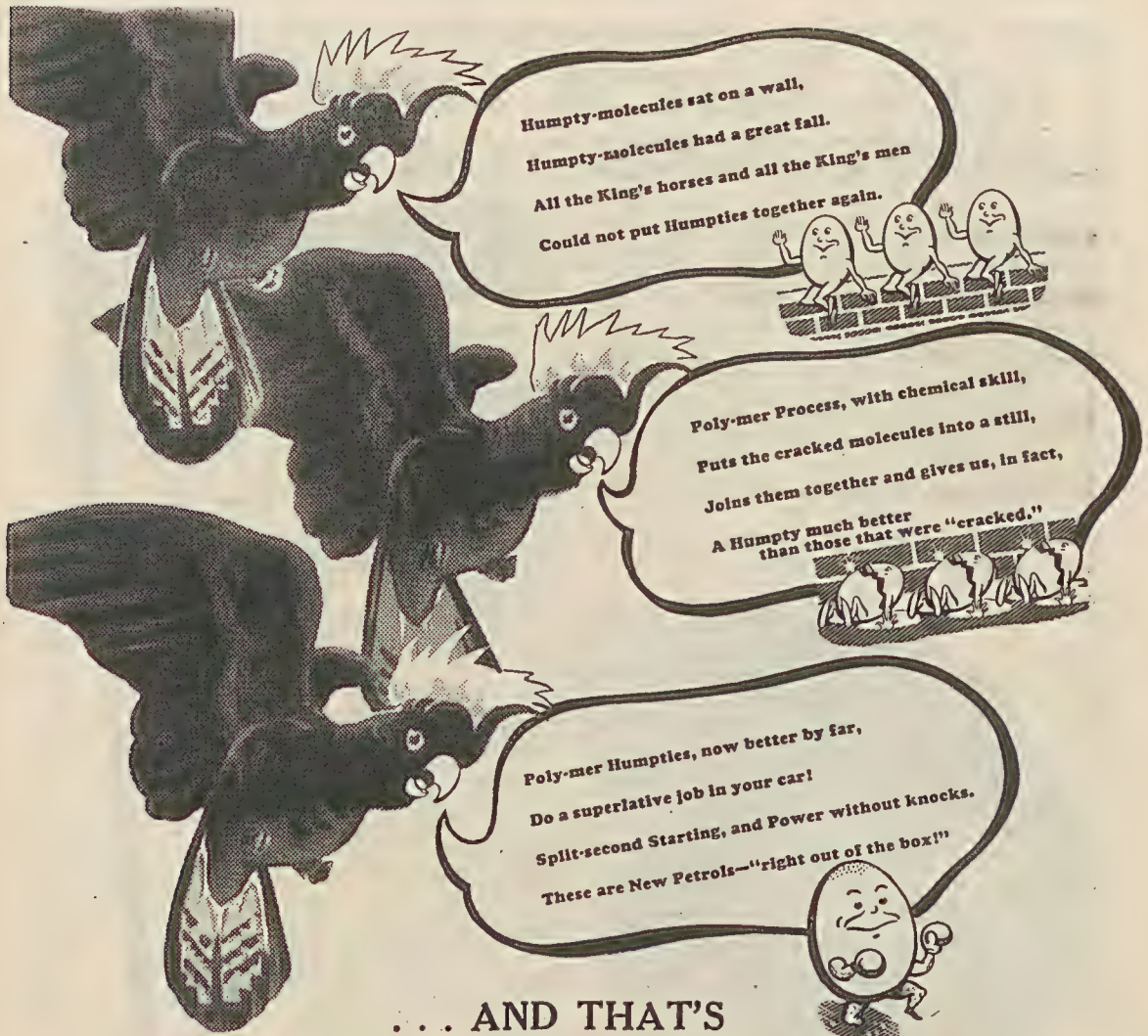
Ghurka is by far the most popular wheat grown in the district, and it occupied 60 per cent. of the total crop inspected in the competition. The other exhibits were sown with Free Gallipoli (21 per cent. of the total area) and Dundee (19 per cent.). Ghurka is recommended as the main variety for general sowing, especially on the rich black land. In a number of the crops the purity of the seed was not of the best, owing to the presence of strangers, and in some cases of barley, and a change of seed was warranted. It is a good plan to obtain regularly a few bags of fresh seed from the State Farms, Colleges, or seed wheat stations, and so maintain a supply of good stocks. At these institutions the highest producing strains

are continually built up, the bulk areas being sown with the produce of small, hand-picked plots sown with specially selected grain.

On many farms Free Gallipoli, on account of its reliable yielding ability, is still grown to a limited extent, and in some instances it is preferred to Ghurka for the red and mixed ground, particularly where a taller variety is required. Free Gallipoli, although it yields well, is sometimes difficult to strip without cracking, and its flour is of lower strength than the other varieties.

Dundee, the medium-strong wheat from New South Wales, was introduced into the Kaniva district in 1935, and has since been tried on many farms. Some very good crops have been grown, but up to date it has not shown itself to be specially suitable to all types of soil. Some farmers report favorably on the variety, others found it lodged to some extent, and was lower in yield than Ghurka. Departmental tests to date indicate that it is not the equal of Ghurka in yield on black land, and for the time being Dundee is not recommended for that type of soil. On red ground it has given better results during the short period of the tests, and at this juncture there is sufficient evidence to warrant the use of Dundee for limited sowing on the red and mixed land. In the Kaniva district, of course, there is the danger that it may grow too tall and lodge badly.

Baldmin is another medium-strong variety which has yielded particularly well at many centres. In the Wimmera plots on black land this wheat has given higher yields than Dundee and Free Gallipoli, and was about equal to Ghurka.



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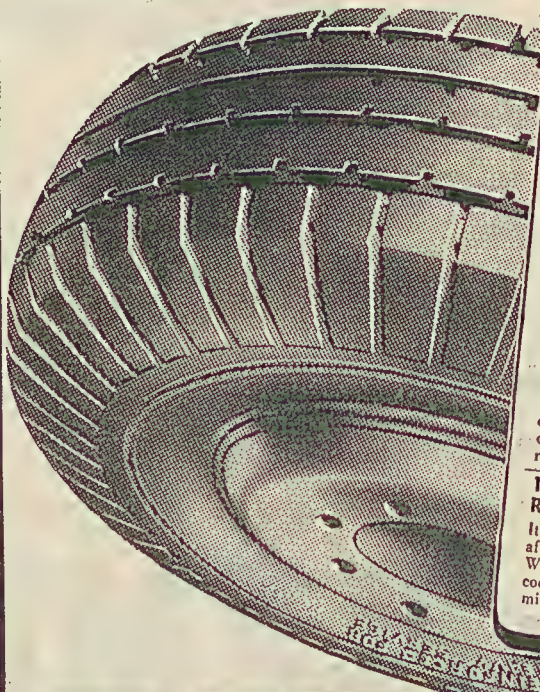
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It is an early maturing type, tall-growing, and produces large attractive grain. Baldmin, however, shows a tendency to be weak in the straw; accordingly it should be restricted to a small area and harvested promptly.

Considerable interest is being taken in the new crossbreeds under test in the Salisbury plots and at other centres. Several of these productions show distinct promise, but as yet the tests on their yielding capacity, flour quality, and general characteristics are incomplete.

The Competition Crops.

Most of the competition crops were planted in mid-June, some on red ground being sown in early May. Winter growth was strong enough to permit feeding off, and at least half of the exhibits were grazed, some lightly and others bare, in July-August. In all cases the seed was dry pickled, 75 lb. per acre being the general rate of sowing, while the manurial dressing averaged 94 lb. per acre, ranging from 1 cwt. of super. down to 75 lb. Wild oats were present in most crops to a varying degree, some being heavily infested.

Disease generally was a minor feature—in a few instances some dead heads had developed, in one case to a marked extent. In three crops there was a sprinkling of ball smut, and in one exhibit this disease was present in an appreciable quantity. To completely control ball smut it is necessary to ensure that the dry pickle and grain are thoroughly mixed, using sufficient powder,

namely 1½ oz. per bushel with the copper dusts or about 1 oz. per bushel with the mercury compound.

OPEN CROP COMPETITION.

In the Open Section seventeen crops were submitted, which represented the best entry for many years. The estimated yield of these exhibits (on the 50 acres judged in each case) averaged 41 bushels per acre, which indicates the general high standard of the district crops. First prize was awarded to a magnificent crop of Ghurka grown by Mr. Geo. Mock on Mr. R. J. Hicks' property at Yanipy. The crop was particularly dense and well grown, practically free from weeds and disease, and it would return a splendid yield. It was grown on a strong box flat, which had not been under crop for twenty years or more. The land was fallowed with a plough in April, cultivated in July, and scarified and harrowed in spring. After a good soaking from the summer rains it was worked with a combine in January, shear-harrowed in March, and sown in the last week of May with 75 lb. of seed and 93 lb. of super. per acre, and very lightly fed off.

Second prize was awarded to an excellent crop of Free Gallipoli grown by Mr. W. Ross on a heavy black flat on the W. Hicks' Estate. This crop was very well headed, very clean, and true to type. The land had been summer fallowed and worked four times before harvest. After the heavy summer rains liberal working was required to cope with the weeds, and the fallow was combined twice and scarified three times between

TABLE I.—OPEN CROP COMPETITION—BEST 50 ACRES OF WHEAT.

Competitor.	Variety.	Yield.	Purity and Type.	Absence of Weeds.	Absence of Disease.	Evenness.	Total.
Maximum Points		35	20	15	15	15	100
R. J. Hicks and G. Mock	Ghurka	34	19	14½	14½	15	97
Estate W. Hicks and W. Ross ..	Free Gallipoli	32	20	15	15	14	96
Crouch Bros.	Ghurka	33	19	14	14½	14½	95
A. and G. Hendy	Ghurka	32	18	14½	15	15	94½
O. A. Hendy	Dundee	31	18	14½	14½	14½	92½
H. H. Sanders	Ghurka and Dundee	33	17	14½	13	14½	92
H. H. Sanders and L. Hutchings	Ghurka and Dundee	35	14	14½	13	15	91½
Ed. Champness	Ghurka	33	18	11	15	14	91
J. J. Meagher	Free Gallipoli	29	18	14½	15	14½	91
V. H. and E. R. Baldock	Ghurka	29	18	13	14½	13½	88
Mrs. R. Goldsworthy and S. Allen	Free Gallipoli	29	18	14	13	13	87
F. T. Hendy	Ghurka	29	18	12½	13	14	86½
G. McFarlane	Free Gallipoli and Dundee	24	19	15	14	14	86
Jas. Merrott	Dundee and Ghurka	23	18	14	13	13	81
Douglas Wallis	Dundee	24	18	12	13	13	80
Geo. Champness	Ghurka	23	18	14	11	13	79
A. W. Parsons	Dundee	23	18	14	11	12	78

TABLE II.—AGGREGATE FOR 50 ACRES OF FALLOW 1936 AND WHEAT CROP GROWN THEREON 1937.

Competitor.	Variety.	Yield.	Purity and Type.	Absence of—		Evenness.	Crop Total.	Fallow 1936.	Fallow and Crop.
				Weeds.	Disease.				
Maximum Points		35	20	15	15	15	100	100	200
STRONG LAND SECTION.									
Estate W. Hicks and W. G. Ross	Free Gallipoli	32	20	15	15	14	96	96	192
Crouch Bros.	Ghurka	33	19	14	14½	14½	95	94	189
H. H. Sanders and L. Hutchings	Ghurka and undee	35	14	14½	13	15	91½	96	187½
A. E. Sanders and G. Mock ..	Ghurka	25	19	12	15	13	84	98	182
Mrs. R. Goldsworthy and S. Allen	Ghurka	31	17	14	14	14	90	91	181
S. M. Champness	Ghurka	24	18	11	15	14	82	94	176
MEDIUM OR MIXED LAND.									
Crouch Bros.	Ghurka	26	19	13	15	14	87	92	179
Harry Champness	Ghurka	23	18	12	14	14	81	97	178
A. J. Baldock	Ghurka	22	17	11	15	13	78	94	172
Geo. Champness	Ghurka	23	18	14	11	13	79	93	172
Mrs. L. Goldsworthy and S. Allen	Free Gallipoli	21	18	13	14	13	79	91	170
LIGHT SANDY LOAM OR CLAY LAND.									
H. H. Sanders and L. Hutchings	Ghurka	20	18	14	15	14	81	96	177
Estate W. Hicks and W. Ross	Free Gallipoli	25	19	12	15	13	84	90	174

January and May. It was sown in mid-June with 81 lb. of seed and 90 lb. of manure per acre and harrowed a week later, but not fed off.

The awards are shown in Table I.

Of the many other good crops in the Open Section the best were those of Messrs. Crouch Bros., Hendy Bros., H. H. Sanders, and Ed. Champness. An entry of Ghurka and Dundee grown by Messrs. Sanders and Hutchings on the Bunyip Swamp was considered the heaviest yielding exhibit in the competition. Unfortunately it was marred through the seed being accidentally mixed at sowing time. Mr. J. J. Meagher's entry of Free Gallipoli grown on red ground at Lawloit was a particularly good crop for this class of land.

AGGREGATE COMPETITION FOR FALLOW, 1936, AND CROP, 1937 (50 ACRES).

Mr. W. Ross won the Strong Land aggregate competition with the crop of Free Gallipoli described above. Messrs. Crouch Bros., with a splendid field of Ghurka wheat, gained the second award in the Strong Section, and with another portion of the paddock won the Medium or Mixed Land Section. Many acres on the black flat were particularly heavy, and in the mixed ground entry the crop had grown exceptionally well on

the red clay patches. After being flooded with the summer rains the fallow was harrowed (with shear points attached) in late December, combined in January and sown in the first week of June with 80 lb. per acre of mercury-pickled seed and 108 lb. of super. per acre. The paddock was not harrowed after cropping or fed off.

Mr. Harry Champness' entry of Ghurka, which secured the second award in the Mixed Land Section, would return a good average yield, but wild oats had developed freely, despite a very thorough preparation of the fallow. Seed and superphosphate at the rate of 77 lb. and 100 lb. per acre were applied to this crop.

The Light Land Section was won by Messrs. H. Sanders and Hutchings. Their crop of Ghurka was not very dense, but it was clean and well headed. It was sown in early May with 60 lb. of seed and 93 lb. of super. per acre and fed off bare in July. It was not so heavy in yield, however, as the other entry in this section.

The awards are set out in Table II.

The Fallows.

Entries in the Fallow Sections totalled 21, the highest number for several years. The farmers in the Kaniva district have long realized that the



Harvesting wheat trials on Mr. E. W. Dahlenburg's property, Salisbury.

production of high average crops is dependent on good fallowing, and most of the paddocks on this occasion had been brought into the usual good order. In most cases the land had been out to grass for varying periods; thirteen of the exhibits were summer fallowed either with the sunderecut, scarifier, mouldboard, or disc plough. A feature of the fallowing in this area is that the plough is still used fairly extensively and half of the competition fallows had been treated with this implement. After the winter working one stroke of the scarifier was usually given in early spring, followed by a working of the spring-tooth (or combine) in October. For the next working (November-early December) the harrows were employed in ten cases and the springtooth in seven. Accordingly, on the average, the fallows had received but five workings all told up to the time of inspection (early December), and in a few instances an extra stroke or two of the harrows. This, in effect, is not an excessive number of workings, and the many high-class fallows prepared with this treatment show that the operations were carried out in a thorough manner. Sheep also were extensively used for cleaning the fallows when necessary.

In recent years harrows with shear points attached have been commonly used in this district for working over the fallows, from November onwards, more particularly on the friable soils. This implement is very effective in eradicating small weed seedlings and, provided the ground is not too wet, a good depth of mulch can be maintained. The implement, however, is an

improved harrow and it may not be suitable for the early spring workings, which normally require a scarifier or cultivator for best results. It is well known that late fallowing is not conducive to high yields, and evidence on this point is given in the Cultivation Trials conducted at Longerenong College for the past ten years.

SUMMARIZED RESULTS—CULTIVATION TRIALS— LONGERENONG, 1927-1937.

	Bush./ac.
Summer Fallow (average of seven types) ..	38.1
Winter Fallow (average of five types) ..	36.4
Late Fallow (October) ..	26.1
Sheeped Winter Fallow (no cultivation August till autumn) ..	21.8
Non-fallow (not ploughed till autumn) ..	11.4

These results demonstrate how the yields can be depressed if the standard fallowing treatments are not undertaken, and they support the view that the use of sheep alone during the spring and summer months is not sufficient preparation for strong Wimmera land.

All the competition fallows were well charged with moisture and, in practically all cases, the weeds had been well controlled. On some farms "Scotch" thistles were more abundant than usual, necessitating greater use of the hoe. The mulches had been broken down to a fine mellow texture, although in some instances they were slightly deeper than is necessary. On the red clay land a fairly cloddy mulch suitable for this ground had been produced. The points obtained in the Aggregate Competition are shown in Table III.

TABLE III.—AGGREGATE COMPETITION—FALLOW 1937. AND CROP THEREON 1938.

Competitor.	Moisture.	Mulch.	Absence of Weeds.	Cultivation and Seed Bed.	Total.
Maximum Points	25	25	25	25	100.

Strong Land—50 Acres of Fallow.

Ed. Champness	25	25	25	24	99
A. and G. Hendy	24	25	25	24	98
F. T. Hendy	24	25	25	24	98
Crouch Bros., No. 2 ..	24	25	24	24	97
H. H. Sanders	25	24	24	24	97
A. E. Sanders and G. Mock ..	24	24	25	24	97
V. H. Baldock	24	24	25	23	96
Crouch Bros., No. 1 ..	24	25	23	24	96
Mrs. R. Goldsworthy and S. Allen	24	24	24	24	96
Estate W. Hicks and W. Ross ..	25	24	24	23	96

Medium or Mixed Land—50 Acres.

Ed. Champness	25	24	25	24	98
Geo. Champness	25	24	24	24	97
J. J. Meagher	25	23	25	24	97
Crouch Bros.	24	24	24	24	96
Harry Champness	24	24	23	24	95
Estate W. Hicks and W. Ross ..	24	22	24	22	92

Light Sandy Loam or Clay Land—50 Acres.

Douglas Wallis	25	24	24	24	97
H. H. Sanders and L. Hutchings ..	25	24	24	24	97
J. J. Meagher and H. A. Deckert ..	25	24	23	24	96
Estate W. Hicks and W. Ross, No. 1	25	22	24	23	94
Estate W. Hicks and W. Ross, No. 2	25	22	23	22	92

Mr. E. Champness, a young farmer recently established on his own property, had prepared particularly good fallow, and his exhibits gained the highest award in two sections. Both entries had been thoroughly worked and they showed a very high moisture conservation, a well-tilled mulch free from weeds, and a level compact seed-bed. The strong land entry had been

summer fallowed (portion with a sundercut in March and the balance with a scarifier in April), cross-scarified in late June, harrowed in July, scarified again in August, springtoothed in October, and harrowed in November and again in December. In his mixed land entry portion was fallowed with a sundercut in April and springtoothed in June, and the remainder with a mouldboard plough in July. The paddock was then harrowed and given similar treatment to the strong land exhibit, except for the November harrowing.

The Messrs. Hendy also showed very clean attractive fallows on even flat land. Mr. F. T. Hendy used the sundercut in April, the scarifier in July and September, the combine in October, and the shear harrows in November and in December. Messrs. A. and G. Hendy's exhibit had been ploughed in June, shear-harrowed and scarified in August, combined in October, and shear-harrowed again in November.

In the Medium Section Mr. G. Champness had produced a good fallow in a paddock of varying soil types, mainly black, chocolate, and red loams. It had been grass land for two years, and was ploughed in June, harrowed, then given two strokes with the combine (September and October), and harrowed again in early December. Mr. J. J. Meagher's entry was on heavy grey ground. At the time of judging the weeds had been very efficiently controlled; the fallow was very moist, but the mulch had packed down somewhat. The paddock was summer fallowed with the plough in March, spike-logged, then combined three times (July, October, November).

Mr. Douglas Wallis, a new competitor, had made an excellent job with a very uneven crab-hole paddock, and his fallow gained equal highest award in the Light Land Section. It had been ploughed in May, harrowed in June, springtoothed July, scarified in August, and again in late October. Good moisture was conserved and weeds effectively checked. Messrs. Sanders and Hutchings's entry was on good red sandy loam. It had been ploughed in July and springtoothed three times.

Export Lamb Competitions

On page 126, of the March issue of this *Journal*, the first placing in Class II. of the first series of Export Lamb Competitions, conducted by the Australian Meat Board, was given as Messrs. E. and B. Hawkins, Tocumwal, New South Wales. This should have read Longerenong Agricultural College, Victoria.

The error was due to a misapprehension in London as to the method of determining places and was contained in a cabled statement from there.

London Markets

Weekly Prices

The following information as to prices offering in London for the principal Victorian primary products has been taken from cablegrams received each week by the Department of Agriculture from the Victorian Agent-General in London.

Product.	Price for Week Ending—			
	25th March.	1st April.	8th April.	22nd April.
	d.	d.	d.	d.
Lamb, 1st quality, Victorian 29-36 lb. ..	6½	6½	6¾	7½
Lamb, 1st quality, Victorian 37-42 lb. ..	6½	6½	6¾	7
Lamb, 1st quality, other States 29-36 lb. ..	6½	6½	6¾	7
Lamb, 1st quality, other States 37-42 lb. ..	6½	6½	6¾	6¾
Lamb, 2nd quality, Victorian 28 lb. and under	6½	6½	7	7½
Lamb, 2nd quality, Victorian 29-36 lb. ..	6½	6½	6¾	6¾
Lamb, 2nd quality, other States 28 lb. and under	6½	6½	6¾	7½
Lamb, 2nd quality, other States 29-36 lb. ..	6½	6½	6¾	6¾
Lamb, 3rd quality, all States 28 lb. and under	6½	6½	6¾	7
Lamb, 3rd quality, all States 29 lb. and over	6½	6½	6½	6½
Mutton wethers and/or maiden ewes .. Under 40 lb. ..	4½	4½	4½	4½
Mutton wethers and/or maiden ewes .. 41-48 lb. ..	3¾	4	4	4½
Mutton wethers and/or maiden ewes .. 49-56 lb. ..	3¾	3¾	3¾	4
Mutton ewes Under 40 lb. ..	3¾	3¾	3¾	3¾
Mutton ewes 41-48 lb. ..	3½	3½	3½	3½
Beef, frozen ox hinds 145-210 lb. ..	5	5	..	..
Beef, frozen ox crops, weights corresponding	4	4	..	..
Beef, chilled ox hinds 145-210 lb. ..	4¾	4¾	4¾	4¾
Beef, chilled ox crops, weights corresponding	3¾	3¾	3¾	3¾
Pork, Australian 1st quality 60-80 lb. ..	6½	6½	6½	6½
Pork, Australian 1st quality 81-100 lb. ..	6½	6½	6½	6½
Pork, New Zealand, 1st quality 60-80 lb. ..	6½	6½	6½	6½
Pork, New Zealand, 1st quality 81-100 lb. ..	6½	6½	6½	6½
Bacon, Canadian per cwt. ..	95	97	97	97
Bacon, Empire (cured in England).. .. per cwt. ..	92	94	94	92
Bacon, Danish per cwt. ..	103	105	105	107
Butter, unsalted, choicest grade per cwt. ..	119	118-119	120-121	126
Butter, unsalted, 1st grade per cwt. ..	118	116-117	119	124
Butter, unsalted, 2nd grade per cwt. ..	..	..	..	..
Butter, unsalted, pastry grade per cwt. ..	..	..	..	..
Butter, salted, choicest grade per cwt. ..	113-114	115-116	118-119	125-126
Butter, salted, 1st grade per cwt. ..	112-113	114-115	117-118	124-125
Butter, salted, 2nd grade per cwt. ..	111-112	113-114	116-117	123
Butter, salted, pastry grade per cwt. ..	109	110-111	114	120-121
Butter, Danish per cwt. ..	114	114	120	127
Market (butter)	Slow	Firm at end of this week	Firm	Firm at the advance

Registration of Stallions

Eighteenth Annual Report

By R. J. de C. Talbot, B.V.Sc., Chief
Veterinary Inspector.

IN presenting this, the eighteenth annual review of the operations of the Horse Breeding Act, it is gratifying to report that the percentage of rejections for 1937-38, both on the score of unsoundness, and for type and conformation, was the lowest for many years. The total number of registrations is 1,705, comprising 1,210 draught, 308 light, and 111 pony. This total figure is 70 below last year's record number of registrations.

It is significant to note that the number of draught stallions presented for examination this year was 234 lower than in 1936-37. As mentioned in last year's report, there was a very definite shortage of horses in the State during the period 1928 to 1930, and from 1931 to 1935 something in the nature of a boom occurred in draught horse breeding. The industry is now swinging back to normal, and it may be expected that the figures for this year will remain fairly constant for some time.

During the season under review, 362 parades were held. Of these, 222 were scheduled, and 140 were special examinations held at the expense of the owners. In the forthcoming season it has been arranged that the examining veterinary officers will, in the majority of cases, travel by motor car, and by reason of this it has been possible to increase the number of centres at which parades will be held. Parades this year will commence during the first week of July and will be completed by 9th August, which is about a month earlier than in previous seasons. It is felt that the innovation will be welcomed by stallion owners, who in the past have complained that in some districts of the State the parades were held too late.



Gold Digger (imp.)—the sire used at the Central Research Farm, Werribee.

In previous reports owners have been urged to present their stallions for examination at scheduled parades, and thus save themselves unnecessary expense. In the coming season it will not be possible to arrange for special parades during the currency of the scheduled parades.

The numbers of stallions of all classes examined for the past two seasons are as follow:—

Year.	Draught.	Light.	Pony.	Total.
1937-38	730	149	90	969
1936-37	964	172	74	1,210

This year's figure represents a decrease of 234 draughts, and a decrease in the total of 241 horses examined.

Of the number examined this year, 712 were registered, and 257 were refused registration. Of the latter, 121, or 12.4 per cent. were rejected on account of unsoundness, and 136, or 14 per cent. were refused registration because they were considered to be below a reasonable standard in respect of type, conformation and/or breeding. The total percentage of rejections was 26.5 per cent., which is an improvement of 3 per cent. on the figures for last year, and the lowest for a number of years.

The number of rejections for unsoundness was 12.4 per cent., as compared with last year's 12.7 per cent. While these figures are low

SUMMARY OF EXAMINATIONS, 1937-38.

	Draught.		Light.		Pony.		Total.	
	Ex- amined.	Certifi- cated.	Ex- amined.	Certifi- cated.	Ex- amined.	Certifi- cated.	Ex- amined.	Certifi- cated.
	730	508	149	126	90	78	969	712
	Rejected.	Per cent. Rejected.	Rejected.	Per cent. Rejected.	Rejected.	Per cent. Rejected.	Rejected.	Per cent. Rejected.
Bog Spavin	8	1.096	..	..	..	..	8	.826
Bone Spavin	..	..	..	..	..	..	..	..
Chorea (Nervy)	5	.685	..	..	..	..	5	.516
Curb	..	..	..	..	..	..	..	..
Ringbone	5	.685	1	.671	..	..	6	.619
Sidebone	95	13.014	3	2.013	..	..	98	10.113
Stringhalt	4	.548	..	..	..	..	4	.413
Through unsoundness	117	16.028	4	2.684	..	..	121	12.487
Through disapproval	105	14.383	19	12.752	12	13.333	136	14.035
Total	222	30.411	23	15.436	12	13.333	257	26.522

SUMMARY OF EXAMINATIONS, 1936-37.

	Draught.		Light.		Pony.		Total.	
	Ex- amined.	Certifi- cated.	Ex- amined.	Certifi- cated.	Ex- amined.	Certifi- cated.	Ex- amined.	Certifi- cated.
	964	662	172	126	74	64	1,210	852
	Rejected.	Per cent. Rejected.	Rejected.	Per cent. Rejected.	Rejected.	Per cent. Rejected.	Rejected.	Per cent. Rejected.
Bog Spavin	3	.311	..	..	..	..	3	.248
Bone Spavin	..	..	2	1.163	..	..	2	.165
Chorea (Nervy)	5	.519	..	..	..	..	5	.413
Curb	..	..	..	..	..	..	..	..
Ringbone	2	.207	5	2.906	..	..	7	.578
Roaring	1	.104	..	..	..	..	1	.083
Sidebone	127	13.174	..	..	..	..	127	10.496
Stringhalt	6	.622	2	1.163	1	1.351	9	.744
Through unsoundness	144	14.937	9	5.232	1	1.351	154	12.727
Through disapproval	158	16.390	37	21.512	9	12.162	204	16.859
Total	302	31.327	46	26.744	10	13.513	358	29.586

compared with other years, they are, in my opinion, too high, and, as mentioned in the last report, are undoubtedly due to the use of unsound mares for breeding, and also to the fact that some 292 rejected stallions are being kept by owners for use on their own mares in accordance with the provisions of the Act. These two factors are doing much to nullify the effect of the Act in reducing unsoundness.

The percentage of rejections for type and conformation (14 per cent.) is a very definite improvement, and the lowest for many years.

Examination of Mares.

Under a voluntary scheme, stud book mares may be submitted for examination for soundness to the veterinary officer at scheduled parades. A fee of £1 is charged for the examination and certificates of soundness are issued for three-year-olds and four-year-olds, and a life certificate for mares five years old or over.

During the year, many owners have availed themselves of the opportunity of having their mares examined and, as breeding from sound mares is most desirable, it is hoped that during

the coming season all stud breeders will present at least some of their mares for examination.

Appeals.

There were no appeals lodged against the decisions of the veterinary officers who carried out the inspection of stallions during the year.

Parades for Coming Season.

The schedule of parades is published on page 250 and owners of stallions are advised to select the centre that will be most convenient to them.

Application for registration should be made, on the prescribed form, before 1st July. Applications must be accompanied by a fee of £3, which comprises registration fee of £1 and compensation fee of £2. The necessary forms may be obtained from secretaries of agricultural societies and from officers in charge of police stations.

Change of ownership must be notified without delay in order that certificates of registration may be endorsed accordingly. A registration expires within 30 days of change of ownership unless the required notice is given.



Stallion Register 1937-38

(Under the Horse Breeding Act 1928)

Registrations prior to the 1st April, 1938

Cert. No.	Name.	Age* and Class.	Owner and Address.	Cert. No.	Name.	Age* and Class.	Owner and Address.
1052	Abbotsford Cavalier	4 D.	H. E. Ward, Ballarat	76	Avalier Flash Footstep	3 D.	Jas. Phillips, Geelong
401	Abbotsford Chancellor	5 D.	J. M. Smith, New Zealand	33	Avalon Park Premier	5 D.	G. A. Konig, Jung North
1234	Abbotsford Supreme	6 D.	U. P. Broome, Tocumwal	369	Aviator	A. D.	Jas. Currie, Balmattum
172	Abbron Hill Design	6 D.	O. R. Pietsch, Areegra	665	Avondel Drumbaron	A. D.	L. Cullinan, Longlea
516	Abbron Hill Surprise	3 D.	E. V. Rohde, Gerang	401	Avonglen Bravo	3 D.	G. R. Hildebrand, Leitchville
1566	Acheron Lad	3 T.	F. T. Stokes, Balmisdale	240	Avon Hero	6 D.	M. and J. Foley, Llowalong
109	Acton's Choice	6 D.	A. A. Stokes, Abbotsford	594	Avonlea Bold Master	4 D.	Mrs. F. J. Pilgrim, Gre Gre Village
592	Addale	4 D.	J. Saunders, Hopetoun	64	Awatea Lord Slade	3 D.	Mrs. M. E. Middleton, Hamilton
569	Admiral Derby	5 L.	L. J. King, Quambatook	499	Balgreen Pioneer	5 D.	G. and B. Hawkins, Tocumwal
319	Admiral Ribbon Wood	A. L.	E. Jones, Manangatang	139	Balkan King	A. T.	H. N. Walpole, Whorouly South
1194	Adonis Parole	A. L.	L. B. Fisher, Panitya	368	Balmedie Bold	A. D.	John Henderson, Baulkamaugh North
23	Afew	6 L.	R. E. Larkens, Warrak	245	Balmedie Chief	A. D.	Wm. Bath, Inverleigh
1380	Ahitana Gift	A. D.	J. Leydon, Kilmore	728	Balmedie Gay Lad	3 D.	H. E. Godden, Elmore
340	Alisa Craig Bold	3 D.	P. E. Spicer, Dimboola	431	Balmedie Sunray	3 D.	O. Bassett, Sandmunt
289	Alisa Craig Chief	5 D.	McFarlane Bros., Anakle East	239	Balmerino	A. T.	W. D. Wright, Broadford
476	Alisa Craig Laddie	5 D.	C. Carter, Karrawinna	1383	Bamawm	A. T.	Melb. and Metro. Bd. of Wks., Werribee
223	Alisa Craig Wright	A. D.	A. W. Watters, Wunghnu	97	Banaghar	A. T.	Mrs. Norah Wood, Tallangatta
1590	Air King	6 L.	Thos. Allen, Glenloth	37	Bandolier	4 D.	R. and J. Galloway, Majorca
474	Airman	3 D.	Shiels Bros., Youanmitte	343	Bangaroo Dignity	4 D.	A. W. Menzel, Nhili
372	Alambra	A. P.	J. H. Grimmett, Laanecoorie	1665	Bangaroo Honour	A. D.	C. A. Schulze, Detpa
1616	Alck Again	A. D.	J. McKinnon, Yielima	222	Banjo	6 D.	O. H. Keller, Nhili
1704	All Pasha	5 T.	Exors. of the Estate of the late C. Campbell, Swan Hill	1297	Banjo Boy	3 P.	Mrs. H. Dwyer, Blackburn
1197	Alladan's Pride	5 P.	H. Baldwin, Yea	1530	Banner Boy	4 L.	M. Purcell, Bessiebell
661	Allan Cleve	A. L.	R. C. Gordon, Drumanure	666	Bannockburn Panacea	6 D.	P. B. Malone, Leichardt
122	Allandale	A. D.	E. A. Altmann, Rainbow	1705	Bannock Dale	A. D.	E. A. McArthur, Sea Lake
1595	Allanlea	5 D.	W. T. Rodda, Tarranyurk	1355	Baraclan	A. T.	T. B. Waters, Corryong
442	All Craig	5 D.	G. Crabbe, Colac	1235	Barkoola Prince	A. P.	A. G. Stewart, Frankston
152	Allendale	A. D.	A. J. Dorahy, Bollinda	1354	Barley Spear	A. T.	F. W. Rowe, Cassilis
250	Allendale Sensation	A. D.	J. A. Dufty, Mt. Elgin	1353	Barney Ideal	6 D.	D. A. McMillan, Pier Millan
724	Allowa Duke	4 D.	S. L. Mitchell, Woomelang	1038	Baron	A. D.	Jno. Carroll, Mudgongona
1472	Allowa Wynndal	5 D.	J. Walker and Sons, Almurta	1236	Baron	6 D.	C. M. Burt, Lismore
662	All's Well	A. D.	G. R. Starritt and A. D. Keir, North-West Moorooopna	473	Baron Again	5 D.	W. J. Wohlers, Pinnaroo, S.A.
1533	Almont King	4 L.	A. D. Murdock, Quambatook	1609	Baron Agitation	A. D.	Dukelow Bros., Mt. Cotterell
1295	Almont Wilkes	A. L.	F. S. Tindall, Oakleigh	667	Baron Banjo	A. D.	P. K. Tomkins, Wando Vale
812	Altair Duke	5 D.	T. Kelly, Minyip	1352	Baron Baritone	A. D.	A. G. Milbus, Croxton East
1220	Alto Minstrel	A. L.	E. G. Jones, Underbool	129	Baron Bellicose	A. D.	H. V. McLean, Banyan
1610	Alverton Baron Stephen	6 D.	M. B. Delahunty, Murtoa	1640	Baron Boy	A. D.	R. Della Vedova, Donald
260	Alverton Satisfaction	5 D.	E. F. Hancock, Warracknabeal	1222	Baron Carlyle	A. D.	I. Irvine, Nicholson
52	Amby Park Impression	4 D.	K. Cameron, Warracknabeal	1321	Baron Chief	A. D.	S. E. McIntyre, Condah
998	Amyville Fashion	A. D.	A. W. Richards, Trawool	965	Baron Clyde	A. D.	F. Algic, Nyah West
49	Amyville Outstanding	3 D.	A. S. Gray, Geelong	1322	Baron Crawford	A. D.	L. J. King, Quambatook
707	Anchor II.	4 L.	Bass Bros., Tubbut	1351	Baron Crombie	6 D.	T. Genders, Lockwood
758	Anchordale	4 P.	A. T. McDonald, Mead	154	Baron Dale	6 D.	V. J. Langfranchi, Cowangie
371	Angle Court	A. L.	Mrs. S. M. Hore, Wymah, N.S.W.	1090	Baron Darnley	A. D.	H. Hibbins, Ultima
1717	Antonio	A. L.	W. J. Paton, Lismore	477	Baron Deighton	4 D.	A. P. Swann, Werriemull
1221	Archale's Heir	6 D.	R. T. Hill, Hanson South	244	Baron Douglas	A. D.	F. W. Bowyer, Woodend North
1538	Archmore	A. D.	A. Pollock, Derby	1695	Baron Duke	6 D.	W. H. Rice, Cocamba
1443	Argyle Chief	5 D.	G. A. Knight, Lake Bolac	837	Baron Estill	A. L.	Jas. Medlyn, St. Arnaud
55	Argyle Monarch	3 D.	F. Roberts, Charlton South	1323	Baron Jack	A. D.	Mrs. E. E. Pickering, Hopetoun
827	Argyle's Refiner	4 D.	E. Schmidt, Kellalac	1700	Baron King	A. D.	W. Watts, Kamarooka
418	Argyle Scottie	5 D.	C. J. Symes, Walpeup	964	Baron Loch	A. D.	W. Kimpton and Sons, Camperdown
1449	Armada's Elect	A. D.	R. V. Colliver, Cora Lynn	706	Baron Lyndale	4 D.	Murdoch and Taberner, Korumburra
664	Arthur's Pride	A. D.	Gowanford Stallion Club, Gowanford	1691	Baron Mac	A. D.	M. J. Francis, Fosterville
1521	Ashburn	4 L.	H. Lidgett, Myrningong	1277	Baron Mountain Monarch	A. D.	C. Lipplatt, Scotsburn
153	Assure Derby	6 L.	Jas. Coffey, Murtoa	347	Baron Orchy	5 D.	W. V. Martin, Glenorchy
115	Astrologer	5 T.	A. Costin, Apollo Bay	284	Baron Petty	A. D.	J. Hassall, Heathcote
370	Aussie Dibilitz of Fenwick	A. P.	Mrs. A. C. G. Maclellan, San Remo	155	Baron Premier	6 D.	F. A. Cameron, Warracknabeal
1440	Autogiro	4 T.	J. J. Hardy, Casterton	271	Baron President	5 D.	T. Wahbridge Pty. Ltd., Melbourne

* Note.—Age in years. A., aged; D., draught; L., light; P., pony; T., thoroughbred.

STALLION REGISTER 1937-38—continued.

Cert. No.	Name.	Age* and Class.	Owner and Address.	Cert. No.	Name.	Age* and Class.	Owner and Address.
441	Baron Pride ..	A. D.	E. C. Gibbs, Kew	1579	Black Wasp ..	A. P.	Ed. Wheelahan, Ballan
156	Baron Pryde ..	A. D.	T. A. Sanderson, Pinnaroo S.A.	1593	Blair's Laddie ..	A. D.	C. G. McKenzie, Boonoonar
452	Baron Royal ..	3 D.	W. W. Eldridge, Ouyen	961	Blair's Pride ..	A. D.	Moloney Bros., Patchewollock
668	Baron Salsbury ..	6 D.	M. Sim, Broadwater	410	Blairwood Sunrise	4 D.	A. Bragg, Wagga Wagga, N.S.W.
167	Baron's Best ..	A. D.	W. B. Black, Kaniya	1421	Blend Royal ..	6 D.	G. S. Wall, Earliston
243	Baron's Fashion ..	6 D.	F. Down, Speed	771	Blighty Bombardier	5 D.	B. Lawrence, Lockington
1324	Baron Silk ..	A. D.	L. C. Leseburg, Rutherglen	504	Blighty Captain ..	4 D.	A. T. Williams, Numurkah
719	Baron's Patch ..	5 D.	Mrs. E. G. Romeo, Patchewollock	723	Blinkbonnie Regal Duke	3 D.	F. P. Smith, Kellor
50	Baron Sportsman	A. D.	Bailey and McClelland, Woomelang	1185	Blond Rajah ..	3 L.	H. Sundemann, Dawson
450	Baron's Pride ..	5 D.	R. E. Nichols, Merbein	1583	Bloomfield Craig	A. D.	J. Waite, Nathalia
963	Baron's Royal Chief	A. D.	I. C. McLean, Berriwillock	880	Bloomfield Crusader	4 D.	F. C. Oppenlander, Swan Hill
557	Baron's Star ..	A. D.	W. J. Currell, Cowley's Creek	505	Bloomfield Garry	4 D.	R. Ritchie, Numurkah
1594	Baron Style ..	A. D.	Exors. of the Estate of the late W. Gould, Kinnabulla	81	Bloomfield Select	4 D.	S. A. Greig, Westbury, Tas.
1581	Baron Victor ..	A. D.	W. P. Leach, Lake Boga	1155	Blue Danube ..	5 P.	Thos. Slattery, Yambuk
836	Baron Wallace ..	A. D.	W. G. Thompson, Carron	568	Blue Derby ..	5 L.	H. Sutton, Yando
246	Baron Weerite ..	A. D.	J. Manifold, Camperdown	1422	Blue Fleur ..	6 T.	J. D. Potter, Green's Creek
669	Baron Willie ..	A. D.	L. A. Morris, Numurkah	380	Blue Hill's Robin	5 D.	A. J. Oxley, Glengower
838	Baroona Boomerang	A. D.	A. G. Turnbull, Tyrendarra	1184	Blue Ideal ..	4 P.	C. F. Crabbe, Gerangamite
1441	Baroona Flash Slade	4 D.	E. J. Black, Dunrobin	1250	Blue Monk ..	A. L.	J. W. Bartlett, Stratford
583	Baroona Slade Light	4 D.	L. Price, Condah	1183	Blue Sign ..	6 T.	W. H. Thompson, Kyneton
1193	Barry Junior ..	3 L.	J. T. Caldwell, Thorpdale	843	Bob Avon ..	A. P.	G. W. Napier, Alexandra
1350	Battery Head ..	A. T.	R. H. Larcombe, Mt. Moriac	377	Bobbie Bells ..	4 L.	J. Jardine, Rathscar
282	Battlement (imp.)	4 D.	R. V. Quick, Angip	960	Bobs ..	A. D.	A. O. Allen, Murrayville
249	Battyll ..	A. T.	Muller Bros., Nagambie	1592	Bob Simmer ..	A. P.	R. J. Darcy, Mooropna
805	Beam's Best ..	5 D.	F. P. Ellard, Rupanyup	959	Bold Acton ..	A. D.	J. Lowe, Gymbowen
1273	Beau Cavalier ..	A. D.	G. Binns, Hardings	673	Bold Arthur ..	A. D.	G. L. Curtis, Wangaratta
1325	Belford Knight ..	A. D.	R. Lennon, Korong Vale	1145	Bold Barold ..	5 D.	Jas. Axford, Terang
670	Belzian's Boy ..	A. D.	H. G. Kruger, Croxton East	404	Bold Berlick ..	3 D.	E. Murphy and Son, Yarra-ville
18	Bellevale Norval	A. D.	Morey Bros., Yabba North	130	Bold Bill ..	A. P.	J. R. Morrison, Terang
1489	Bell Metal of Mundurno	4 P.	W. E. Clinton, Heidelberg	958	Bold Boy ..	A. P.	C. R. Golding, Stanhope
1326	Belmain Belmont	A. D.	G. Holmes, Quambatook	674	Bold Brae ..	6 D.	L. P. and F. Coffey, Birchlip
1349	Belmont ..	A. D.	Geo. H. Winnett, Reddy Flat	1455	Bold Briton ..	A. D.	H. Kinnersly, Minlnera
1327	Belmont Again ..	A. D.	O. Jaeschke, Angip	1423	Bold Captain ..	A. D.	J. W. Meier, Nhill
1672	Belverne Master-piece	A. D.	H. Sundermann, Dawson	1457	Bold Douglas ..	A. D.	R. Stewart, Barwite
834	Benambra ..	5 L.	Jno. Paton, Tallangatta	1424	Bold Drumcross ..	A. D.	C. Simon, Leonzatha
1658	Ben Bowyang ..	3 D.	J. Wilson, Nar-nar-geon	1661	Bold Favourite ..	A. D.	A. White, Bridgewater
1497	Benedict ..	5 L.	A. Sim, Colac	1280	Bold Favour ..	5 D.	Executors of the Estate of the late Jas. Davies, Curlewis
283	Benevento ..	5 D.	E. F. Jenstz, Katyll	841	Bold Jack ..	6 D.	M. T. Hogan, Jeffcott South
671	Ben Hamilton ..	A. D.	J. A. Jones, Woomelang	385	Bold Jack ..	A. D.	Jas. Mann, Ceres
254	Ben Lomond ..	A. D.	T. Tyquin, Laverton	1425	Bold Kine ..	A. D.	D. Rumbold, Baringhup West
1572	Benourie Baron Dale	A. D.	S. Gould, Richmond Plains	1615	Bold Lad ..	3 P.	B. Woodall, Longwarry
580	Benowries Choice	4 D.	Bouchier Bros., Swanwater West	32	Bold Lad ..	5 D.	A. L. Mills, Lynnevile
366	Bentrovata ..	A. D.	W. Barker, jun., Nhill	1628	Bold Print ..	6 D.	Geo. Small, Birchlip
549	Berkley Brat ..	5 P.	K. Cameron, Warracknabeal	537	Boldrewood ..	A. T.	G. Cruse, Rochester
1043	Berkeley's Top ..	6 P.	W. A. B. Weigall, Conangalt	384	Bold Scott ..	A. D.	P. Atkins, Mitre
509	Bernasconie Commander	6 D.	G. Burrows, Scottsdale, Tas.	957	Bold Silk ..	6 D.	A. P. Wade, Glen Alvie
1488	Bernasconie Marshall	5 D.	R. F. Jones, Barfold	847	Bold Squire ..	A. D.	A. A. Peddie, Fitzroy
361	Berrileigh Prince	3 D.	Pearce Bros., Pier Millan	1636	Bold Success ..	A. D.	J. Rumbold, Laanecoorle
839	Berwick Victor ..	A. D.	H. Doherty, Yungool	221	Bold Victor ..	6 D.	J. W. Skehan, Oxley
962	Bill Marie ..	6 T.	D. Murphy, Rochester	1571	Bold Voyage ..	A. L.	D. Sneyde, Laverton
1285	Billy ..	5 P.	J. E. Taylor, South Melbourne	1249	Bold Wallace ..	A. D.	W. J. Wohlers, Pinnaroo, S.A.
715	Billy Bazil ..	4 L.	F. Carroll, Yarroweyah	1248	Bon Accord ..	A. D.	L. R. Brindley, Avondale
672	Bingen ..	A. L.	C. S. Wellington, Drumanure	764	Bon Ayr Gloucester	3 D.	Annie H. Price, Wallacedale North
716	Binstorley ..	4 L.	W. Marke, Girgarre East	735	Bon Duror ..	4 D.	A. E. Johnston, Mologa
4	Birdston Castle ..	4 D.	H. P. Chapman, Hoyleton, S.A.	1400	Bonnie Brae Flash Norman	6 D.	T. G. Dellar, Willenabrana North
5	Birthday ..	4 T.	A. D. Keir, Melbourne	108	Bonnie Caesar ..	A. L.	T. A. Smith, Horsham
1272	Blackadder ..	A. T.	J. G. Adams, Mansfield	362	Bonnie Clyde ..	5 D.	H. Taylor, Chinkapook
1064	Black Bunny ..	A. P.	F. R. Renwick, Cheltenham	956	Bonnie Knight ..	A. D.	A. D. McLennan, Derrinal
1582	Black Campbell ..	A. D.	W. G. Giles, Hopetoun	224	Bonnie Lad ..	A. D.	J. H. Hanstorf, Natimuk
1711	Black Coon ..	5 P.	B. O'Sullivan, Seymour	1426	Bonnie Prince ..	A. D.	M. P. Cleary, Nooramunga
96	Black Dale ..	6 D.	W. H. Waldron, Carranballac	131	Bonnie Prince Charles	A. D.	F. Collins, Tempy
727	Black Jack ..	A. P.	Jno. Bell, Merino	1165	Bonnie Star ..	A. D.	E. S. Gillespie, Rockbank
1420	Black Prince ..	A. D.	W. J. Ibbs, Gannawarra	414	Bonnie View ..	A. D.	Executors of the Estate of the late J. L. Judd, Yanac
1471	Black Prince ..	3 D.	F. Talarico, Iona	1660	Bonny Jim ..	A. P.	W. J. C. Weigall, Seymour
1523	Black Prince ..	A. P.	H. Scarce, Roslynmead	869	Bonny Mac ..	A. D.	P. R. Lovell, Rocky Point
161	Black Prince ..	6 D.	M. Harris, Quantong	203	Bonny View Hero	5 T.	C. E. Roustoun, Coleraine
1010	Black Shadow ..	5 D.	W. R. and M. Gadd, Wodonga	757	Bonshaw ..	6 D.	W. J. Ibbs, Gannawarra
1092	Black Shepherd ..	A. D.	Simpson Bros., Yambuna	1247	Bowview Knight ..	A. D.	A. Olson, Nowie North
840	Blackthorn of Penni-wells	A. P.	Miss M. Small, Hawthorn	419	Box Vale Baron Douglas	3 D.	Towk Bros., Walpeup
748	Black Vin ..	3 L.	M. Davis, Ultima	1381	Box Vale Britain ..	6 D.	E. J. Semmler, Hopetoun
				44	Box Vale Flash Carlisle	4 D.	Colbert Bros., Broughton
				420	Box Vale Flash Design	4 D.	Towk Bros., Walpeup

* Note.—Age in years. A., aged; D., draught; L., light; P., pony; T., thoroughbred.

STALLION REGISTER 1937-38—continued.

Cert. No.	Name.	Age* and Class.	Owner and Address.	Cert. No.	Name.	Age* and Class.	Owner and Address.
82	Brackenhurst Pride	6 D.	A. G. Gibbard, Vectis East	782	Christmas Eve ..	A. P.	R. Gardiner, Yannathan
493	Braebank Beneficent	5 D.	W. G. Wilkinson, Yarrowonga	1007	Circus ..	3 P.	C. H. Ryan, Wodonga
251	Brave Boy ..	A. T.	R. B. Campbell, Caulfield	872	Civilian ..	A. T.	A. J. Niklaus, Peechelba
388	Braw Lad ..	6 T.	C. J. Goldsworthy, Wandlilingong	1686	Clair's Pride ..	A. D.	Jas. Nunn, jun., Birchip West
1621	Braw Laddie ..	A. D.	W. J. Tyack, Yalca	198	Clan Stewart ..	A. D.	T. G. Bartlett, Gerang Gerung
1485	Break Up ..	A. T.	G. R. Nicholas, South Melbourne	873	Clarkvale Squire ..	A. D.	Executors of the Estate of the late J. H. Rogers, Yarraville
3	Bridgebank Hamilton	3 D.	Dyke Bros., Gre Gre	269	Claybank's Captain	5 D.	P. D. Cattnach, Hopkins' Tank
842	Brigham Boy ..	A. P.	R. Beasley, Boinka	426	Claybank's Horos	3 D.	W. H. Gibbins, Galah
870	Brigham Lad ..	A. P.	J. W. Ewing, Penshurst	425	Claybank's Napoleon's Master	5 D.	C. F. Hahnel, Timberrco South
1402	Brigham's Sambo	4 P.	R. H. Glimmer, Wickliffe	1246	Claybank's Pride ..	6 D.	Mrs. Geo. Booley, Galah
675	Bright Lake ..	A. D.	H. McKibbin, Buffalo River South	458	Claybank's Pride ..	5 D.	C. Murfitt, Klamal
1558	Brighton Hero ..	6 D.	Wm. and D. Davies, Wall	421	Claybank's Repence ..	3 D.	F. J. Glen, Walpeup
2	Brighton Renown	3 D.	N. F. Bodey, Dooen	225	Claybank's Sammy	6 D.	V. S. Carter, Merrince
387	Bright Star ..	A. D.	J. Walker, Lara	219	Claymore Junior ..	A. P.	E. Bromley, Tungamah
663	Brilliant Dawn ..	0 D.	S. L. Bowden, Won Wron	1245	Clearfield Dignity	6 D.	A. E. Billinger, Garup
158	Brilliant Jim ..	A. P.	B. Hynes, Leongatha	874	Clematic Major ..	6 D.	W. S. Helly, Buln Buln
1039	Brilliant Knight ..	4 D.	L. Halloran, Kyneton	381	Cleveland Viceroy	A. D.	H. M. Parken, Horsham
1079	Brilliant Max ..	3 D.	J. W. Davis, Tarra Valley	1244	Cliffdell ..	A. D.	W. G. Hall, Talbot
1671	Brilliant Morn ..	A. D.	H. Sundermann, Dawson	1106	Clifton King ..	6 D.	R. L. Henderson, Burrumbet
180	Britannia ..	A. D.	C. S. Rodda, Warracknabeal	268	Clifton Sunray ..	5 D.	G. Burrows, Scottsdale, Tas.
386	Briton's Bold ..	A. D.	O. W. Bergmann, Moutajup	1474	Clinton's Pride ..	4 D.	M. Toomey, Trontham
1666	Briton's Fame ..	A. D.	C. A. Schulze, jun., Detpa	151	Clitheroe Knight ..	4 D.	A. A. Knight, Naring East
1584	Broadview Premier	A. D.	J. P. and C. Della, Lake Hindmarsh	781	Clonmore Premier	A. D.	W. Elphinstone, Millgrove
439	Brobenah Prince ..	3 D.	A. W. Currell, Cobden	1107	Cloyne's Echo ..	6 L.	Mrs. T. Lakey, Brewster
769	Bromley Mac ..	4 D.	Buchanan Bros., Rochester West	1020	Coast Guard ..	A. D.	G. Grey and Sons, Braxholme
1507	Bronze Eagle ..	5 P.	A. L. Hamilton, Corryong	1623	Cobram Craig ..	A. D.	P. McCormack, Cobram
1094	Broomfield Royal	6 D.	E. Meek, Sreatham	1054	Cock o'the North ..	A. D.	N. C. Hodgson, Medley
353	Broughdown Underslade	A. D.	J. Henderson, Baulkamaugh	402	Coldfield Prince ..	4 D.	J. M. Smith, New Zealand
775	Brown Alexander	A. D.	W. Studman, Lucknow	1108	Cole King ..	A. L.	P. Donoghue, South Dudley
1078	Brown Dandy ..	3 P.	A. E. Clark, Mack's Creek	1478	Colequest ..	3 L.	Wm. Cozens, Leongatha
1281	Brunstane Impress	5 D.	K. H. Parker, Bannockburn	1282	Colinton Black Prince	5 D.	C. J. Gough, Mansfield
1082	Bungar Scottie ..	3 D.	T. L. Rogers, Vervale	1087	Collarado ..	A. L.	G. Shanaughan, Warracknabeal
676	Bunyarra Dundal	A. D.	A. A. Stokes, Abbotsford	990	Colonel Erskine	A. D.	Fuzzle Deen, Bungador
310	Burfield Flash Knight	3 D.	R. P. Nuske, Lorquon	1286	Comet ..	5 P.	E. Tyson, Tablik
443	Burnbank Chief ..	4 D.	E. Mibus, Katyil	690	Commodore ..	A. P.	Geo. Baillie, Tyers
1513	Burn Brae Craig ..	4 D.	Miss C. Ryan, Sunshine	258	Commodore Nut ..	A. P.	Jno. Manfold, Weerite
1468	Burnfoot's Pride ..	4 D.	C. W. Joiner, Orbest	95	Conqueror ..	A. D.	C. J. Bowd, Sea Lake
322	Burnside Choice ..	4 D.	B. Storey, Teddywaddy	1269	Coonara Champion	6 D.	R. V. Collier, Cora Lynn
113	Butes Flashdell ..	A. D.	A. Matland, Rochester, S.A.	1109	Coorara Flash Ian	6 D.	G. C. Bellinger, Hopetoun
1608	Byland's Brilliant	A. D.	H. D. A. Iams, Uniera	159	Cooring Dale ..	A. D.	A. M. Hamilton, Bannerton
382	Byland's Treasure	A. D.	G. Crane, Nathalia	1580	Cooring Monarch ..	A. D.	A. Murray, Colistram
725	Cambria Duplicate	3 D.	G. D. Barbary, Woomelang	1435	Copple Prince	4 D.	R. H. Chambers, jun., Koyuga
1042	Canusa ..	A. T.	W. F. Weigill, Conangait	299	Corn Vale Champion	3 D.	P. Daldy, Arcadia
1559	Capitalist ..	A. D.	A. K. Urubhart, Hexham	406	Cornorall Kelvin ..	A. D.	E. D. McCann, Lake Charm
1151	Captain Douglas ..	4 D.	Sheedy Bros., Cororooke	954	Count Bingen ..	A. L.	F. E. Sanders, Netherby
814	Captain Jake ..	4 D.	Mrs. M. J. Murphy, Rainbow	1565	Count Zarynoff ..	A. D.	J. M. Egan, Bunding
1555	Captain Lochiel ..	A. L.	Mrs. L. H. Hinch, Garfield	953	Crackall ..	A. L.	W. E. Ryan, Molyullah
446	Captain Mac ..	5 D.	W. Marke, Gilgarre East	1617	Craig Athol ..	A. D.	E. P. Maskell, Shepparton
259	Captain Regulus ..	A. D.	Phillips Bros., Tatyoon	407	Craig Avon ..	A. D.	W. Moore, Rochester
333	Captain Slade ..	6 D.	W. G. Burns, Lemon Springs	970	Craigend ..	6 D.	D. Murphy, Rochester
389	Captain Wood ..	A. L.	J. A. Menzel, Hamilton	1708	Craigend Dignity ..	6 D.	A. L. Mills, Byrnewille
1021	Caravis ..	A. P.	E. McKoy, Wodonga West	308	Craigend's Pride ..	5 D.	G. A. McNabb and Son, Irrewillipe East
220	Carn Brae ..	6 D.	Mousser and Sons, Banyan	1477	Craighill Holmar ..	4 D.	T. J. Ople, Mirboo North
1687	Carnham Favour ..	A. D.	Pearce Bros., Kewell North	1502	Craigie ..	A. D.	W. B. Dixon, Ventnor, Ph. Is.
351	Carnlea Alenby ..	3 D.	Allan Bros., Thalia	811	Craigie Again ..	5 D.	G. H. Loats, Brooklet
43	Carnlea Baron Chief	5 D.	W. Cook, Diapur	1001	Craigie Bold Venture	A. D.	A. Arnold, Warracknabeal
265	Carnlea Willie Star	4 D.	E. and H. Shalders, Kewell North	357	Craigie Crichton ..	4 D.	Jas. Fuller, Mitre
530	Carunga ..	5 D.	S. G. Hayward, North Warragatta	780	Craigie Lad ..	A. D.	T. McGrath, Minyip
677	Cavalcade ..	5 D.	Tucker Bros., Jung	779	Craigie McLennan	A. D.	C. Phillips, Hopetoun
706	Cedar Lodge	3 D.	L. Abraham, Nyah West	720	Craigie Master Peace	4 D.	J. Yetman, Patchewollock
1037	Centredale ..	A. D.	R. McKenzie, Yarram	393	Craigie O.K. ..	3 D.	J. J. Crilly, Carag Carag
824	Ceren Prince ..	5 D.	J. Rumbold, Lanecoerie	1299	Craigie Pioneer ..	3 D.	W. Mathieson, Werribee
1542	Chalmadene ..	4 D.	Nicol Bros., Mount Barker, W.A.	1002	Craigie Refiner ..	A. D.	A. Arnold, Warracknabeal
1127	Charlie Mattan ..	5 L.	T. J. Hollands, Tawonga	267	Craigie Viceroy ..	5 D.	H. J. Bunge, Sheep Hills
849	Chello ..	5 P.	F. Cooper, Rutherglen	1268	Craigie Winalone ..	A. D.	J. A. Tweddle, Waala
871	Chief Alex ..	A. D.	C. E. Howe, Epsom	768	Craig Laddie ..	3 D.	D. Murphy, Nanneella South
955	Chief Douglas ..	A. D.	R. S. Brunt, Kyabram	1110	Craig of Hazeldean	A. D.	J. L. Dishon, Stavely
1715	Chief Mate ..	6 T.	W. C. Bayley, Hamilton	482	Craig Park Pride ..	5 D.	Whinray and Sons, Lake Rowan
				778	Craig's Ideal ..	A. D.	Mrs. A. Trollop, Cope Cope

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STALLION REGISTER 1937-38—continued.

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1487	Craig's Jack ..	5 D.	— La Pouple, Heathcote	227	Direct Alto ..	A. L.	A. Heard, Noradjuha
1073	Crescent Cole ..	3 L.	J. M. Opray, Nerrena East	1069	Direct Star ..	5 P.	J. Johnson, Poowong
356	Cressbrook Stamp ..	5 D.	J. B. Cross, Lemon Springs	328	Dixie McKinney ..	5 L.	J. Rinaldi, Bealiba
1399	Crighton's Tim ..	A. P.	S. A. Greaves, Narre Warren	937	Dixie Pronto ..	6 L.	J. J. Gilbert, Devenish
972	Croindale Star ..	6 D.	J. W. Cameron, Brim	1146	Dominate ..	5 P.	T. Scroggie, Terang
1084	Cruncher ..	A. D.	F. Quick, Brim	1028	Donachie ..	5 T.	Thos. Shelley, South Geelong
528	Crystal Glide ..	5 D.	A. E. Payne, Boorhaman	786	Donald Caesar ..	5 L.	J. G. Byron, Chiltern
525	Crystal Jock ..	5 D.	C. A. Taylor, Brinin	692	Donald Don ..	A. D.	C. Shingles, Stratford
218	Culbo ..	A. P.	A. W. Thomson, Hamilton	975	Donald March ..	6 D.	Wm. Tuck, Annuello
691	Cymbrel ..	A. L.	S. Hancock, Poowong	1101	Donald's Best ..	A. D.	A. W. and P. J. Bennett, Waitechie
1003	Cullivel Evergreen ..	6 D.	W. N. and F. A. Lord, Mitta Mitta	825	Don Dillon ..	4 L.	Jos. S. Oxley, Strangways
1690	Cymro Harold ..	A. P.	E. J. Boyle, South Lillimur	564	Don Flash ..	5 L.	G. T. Barber, Birchip
378	Cymro Lad ..	4 P.	A. Wright, Carisbrook	529	Don Fulham ..	3 L.	L. F. Dalton, Wanzaratta
1568	Cyndette II. ..	A. P.	J. T. Kelly, Briagalong	973	Don Globe ..	6 L.	O. J. Cullen, Swan Hill
1556	Cyprus Grove Baron View ..	A. D.	J. W. Dudley, Euroa	1114	Don Lionel ..	A. L.	F. H. Hallam, Warracknabeal
87	Cyric ..	A. T.	Boyd Bros., Koroit	1056	Donnybrook ..	A. L.	J. Bell, Bowser
42	Dahlen Douglas ..	4 D.	W. Cook, Diapur	349	Donowellan Favourite ..	3 D.	J. M. Connell, Murra Warra
971	Dahlen General ..	6 D.	J. Teague, Mystic Park	1115	Don Salatis ..	A. T.	J. F. Mitchell, Ebdon
695	Dahlen Mac ..	6 D.	J. R. Williams, Merringee, S.A.	242	Don Swift ..	A. L.	F. Collins, Wedderburn
412	Dalawney Again ..	A. D.	M. J. Hooper, Towaninle	521	Dont Inquire ..	3 P.	A. Cowell, Euroa
784	Dalcombe ..	A. D.	J. H. Roberts, Lalbert	1130	Doolin Carlyle ..	3 D.	F. A. Tonissen, Mountajup
1573	Dale's Fashion ..	5 P.	H. Bullock, Hamilton	409	Dooling Slade Avon ..	6 D.	E. McManus, Sea Lake
279	Dalholm Monarch ..	5 D.	J. B. Ferguson, Waubra	1602	Doral's Derby ..	A. L.	F. W. Shillito, Yenlon
1639	Dalla Baron ..	6 D.	R. J. Croft, Morkalla	1116	Double Court ..	A. T.	Jno. Pierce and W. and C. F. Wheeler, Towong
255	Dalla Derby ..	A. L.	F. W. Shillito, Yendon	112	Douglas Again ..	6 D.	J. A. Pollard, Mansfield
358	Dalla Direct ..	A. L.	D. Gonne, Ballarat	1124	Douglas Chief ..	A. D.	E. G. Traeger, Merbein
831	Dallavaddy ..	5 D.	T. McManus, Pimpinio	1578	Douglas Credit ..	A. D.	J. M. Smith, New Zealand
974	Dally's Flash Clyde ..	5 D.	A. K. Hart, Warracknabeal	1125	Douglas Hero ..	A. D.	G. Condon, Werribee
1397	Dalmore Again ..	A. D.	Millard Bros., Dean's Marsh	1550	Douglas Lion ..	3 D.	F. Denham, Karween
132	Dalmore Dale ..	A. D.	Mrs. S. A. Trotman, Stratton	191	Douglas Patrician ..	A. D.	S. Dann, Edenhope
1607	Dalmore Dan ..	A. D.	J. E. Wilkinson, Crowlands	490	Douglas Royal ..	4 D.	E. A. Dennis, "Kulkine Station," Mildura
1111	Dalmore's Choice ..	A. D.	A. G. Turnbull, Coleraine	1051	Dranoel's Pride ..	3 D.	D. J. Leonard, Millbrook
1022	Dalradient ..	A. D.	J. P. Fraser, Beaufort	1694	Drumcross Success ..	A. D.	E. R. Kossatz, Netherby
1637	Dal Wood ..	5 L.	J. H. McBain, Buninyong	767	Drum Hazel ..	5 D.	R. Matson, Timmering East
694	Dandy ..	A. P.	V. Little, Iona	1050	Drummuir (Imp.) ..	5 D.	N. W. Quick and Son, Molongship
766	Dandy ..	5 L.	W. W. Kennedy, Murtoa	991	Drumry's Pride ..	A. D.	R. S. Rowan, Strath Creek
1038	Dandy Boy ..	4 P.	W. H. Gibbons, Galah	296	Drury Lane (Imp.) ..	4 D.	A. D. Keir, Melbourne
469	Dandy Boy ..	3 P.	J. W. T. Powell, Becac	579	Dryazel Flash Boy ..	5 D.	Ferrier Bros., Birchip
1437	Dandy Boy ..	5 P.	R. B. Murphy, Murchison	578	Dryazel Superb ..	3 D.	Ferrier Bros., Birchip
1113	Dandy Dick ..	A. P.	A. G. and D. W. Gardner, Cavendish	297	D's Allan ..	3 D.	H. E. Ward, West Coburg
868	Dandy Duke ..	A. P.	L. Moss, California Gully	298	D's Commander ..	3 D.	D. Adams, Melbourne
1091	Dandy Luck ..	A. P.	Kong Meng Bros., Longwood	66	D's Memento ..	5 D.	A. D. Logan, Shepparton
483	Dandy Peter ..	5 P.	Mrs. M. L. Johnson, Doreen	6	D's Model ..	4 D.	J. Boyle, Watchem
134	Dandy's Pride ..	6 P.	W. R. McKay, Avenel	329	D's Strachan ..	3 D.	Gaulke Bros., Tarranyurk
1476	Dark Dale ..	5 D.	A. E. Clark, Mack's Creek	587	D's Victor ..	5 D.	J. T. Floekhart, Birchip
1601	Dark Prince ..	5 T.	John Keogh, Glenlyon	688	Duddon ..	A. T.	A. P. Wade, Glenalvie
1465	Darkspur ..	5 P.	P. C. Nixon, Orbost	1016	Duncan Stewart ..	A. D.	N. Farley, Willung
1539	Dark Vin ..	4 L.	Wm. Morcombe, Burrumbeet	1102	Dunduff Gold Standard ..	6 D.	E. and R. Hehr, Woolert
1019	Dart ..	A. P.	P. J. Richmond, Wedderburn	1552	Dunduff Signet ..	6 D.	W. J. Cobbleddick, Bunbartha
1577	Dave Douglas ..	A. D.	P. L. Heenan, Coleraine	1683	Dunira James ..	A. D.	G. A. Williams and Sons, Walpeup
1018	Daylesford King ..	6 D.	C. Hurnall, Lillimur	689	Dunlea Sunray ..	A. D.	J. Egan, Leitchardt
772	Dean Abbey ..	5 L.	W. W. Stephan, Dimboola	8	Dunsyre Idea ..	3 D.	D. Hamilton, Downside, N.S.W.
7	Dees Direct ..	3 D.	E. J. Leeder, Cope Cope	1063	Dunure Blend ..	A. D.	J. S. Gull, Kennmare
1039	Dehlura Banker's Fortune ..	A. D.	J. Powell, Richmond	875	Durham ..	5 P.	W. T. Cox, Moorort
1534	Dehlura Scottish Glenalmond ..	6 D.	B. Schultz, sen., Ni Ni Well	1103	Dusky Dandy ..	A. P.	W. Lang, Glengarry
226	Deltical ..	A. T.	Phillips and Ross, W., Congupna Rd.	1545	Earldene ..	3 D.	P. L. Williams, Miram
1264	Delavan Derby ..	A. L.	L. W. Starling, Tongala	1693	Earl Direct ..	A. L.	F. McClelland, Boort
1182	Denison Duke ..	3 D.	W. H. McPherson, Yalca	26	Earlwood Bay Glory ..	3 D.	H. E. Stephan, Wall
934	Depression ..	6 D.	J. Anderson, Heyfield	1104	Early Morn ..	6 D.	G. H. Powell, Lillimur
935	Derby Child ..	A. L.	C. H. McDonald, Kerang	338	Eastern Drift ..	5 L.	W. G. Ross, Miram
1015	Derby Ribbons ..	4 L.	L. J. King, Barraport	1483	Eastern Sovereign ..	5 T.	A. G. Dennis, Maldon
1017	Desert Pos ..	A. L.	H. W. Maddock, Osborn's Flat	736	Eastwood Renown ..	4 D.	J. Price, Mologa
1655	Desire ..	4 L.	J. Hewish, Euroa	997	Eaton Headlight ..	A. D.	E. W. Schneider, Yulecart
1680	Deval ..	6 L.	W. S. Clark, Bundalong South	1105	Ebony Stamp ..	A. D.	T. Tallent Bros., Berrybank
510	Deverondale ..	5 D.	T. McManus, Pimpinio	184	Eclipse ..	A. D.	G. Wakefield, Walpeup
1066	Devonlea Brilliant Craig ..	4 D.	Jackson and McCluskey, S'raithmerton	996	Eclipse of Lauriston ..	A. D.	R. W. Weir, Ouyen
107	Devonshire ..	A. T.	J. S. Michie, Woodleigh	1688	Eldorain ..	A. L.	S. L. Dorrington, Lorquon
718	Devon Spear ..	A. L.	T. C. Manifold, Lismore	194	Ellerslie Com-mander ..	6 D.	F. M. Cheatley, Elmore
693	Dibblitz Minor of Shetland Heights ..	6 L.	Tyquin Bros., Digger's Rest	1126	Ellerslie Dale ..	A. D.	J. Hegarty, Turriff
418	Dibblitz of Penniwells ..	A. P.	J. T. Laidlaw, Hamilton	408	Ellerslie Lord Fenwick ..	6 D.	E. Prater, Berriwillcock
460	Dick Derby ..	4 L.	Mrs. A. D. Maclean, Yan Yean				
936	Diinna Forget ..	A. D.	T. W. Pankhurst, Tongala				
			Stepnell Bros., Scotsburn				

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424	Ellerslie Master-piece	4 D.	G. N. McGregor, Galah North	478	Flash Trelawney..	5 D.	J. C. Maple, Karawinna
747	Elmo Ribbons ..	6 L.	Mrs. R. M. Burton, Goschen	1560	Flash Trust ..	A. L.	W. J. Davies, Wall
1085	Emfred ..	A. T.	R. Biggar, Waala	949	Flash Voyage ..	A. L.	C. T. Evans, Rathscar
1201	Emerson ..	A. T.	A. Arnold, Werrig East	359	Flendental ..	4 T.	J. E. Light, Quantong
321	Ennisvale Favour	5 D.	W. J. Dixon, Donald	1697	Fleurason ..	A. T.	W. J. Wilson, St. Arnaud
995	Enterprise ..	A. D.	Executors of the Estate of the late C. H. Perkins, Rainbow	1271	Fleubridge ..	A. L.	J. W. Chace, Warracknabeal
94	Ercildale ..	A. D.	C. Gillespie, Bradvale	1289	Fleur Grey ..	4 P.	A. R. Macleod, Minlnera
160	Eskdale Nugget ..	A. D.	Thos. Lev, Eskdale	614	Foreman ..	6 D.	H. J. Thompson, Cowangie
1014	Ettrick Baron ..	5 D.	T. Draper, jun., Yackandandah	217	Forest Dale ..	A. D.	J. T. Tweddle, Berwick
1202	Ettrick Dale ..	A. D.	J. Fuzzard, Numurkah	709	Franklyn Viceroy	5 D.	J. J. Quinn, Elmore
1186	Eureka Welcome..	4 D.	H. Christensen, Tyers	993	Fred La ..	A. L.	P. J. Thompson, Krowera
619	Everlasting Dale..	A. D.	A. E. Cox, Alma	1646	Full Power ..	A. T.	D. A. McMillan, Pier Millan
751	Everton (Imp.)..	5 D.	C. H. McDonald and Sons, Kerang	684	Gainswood ..	A. L.	A. E. Herrmann, Dimboola
1203	Example Craig ..	6 D.	John Walsh, Sutherland	683	Gallant Jock ..	A. D.	Mrs. M. E. Gordon, Lismore
976	Fabricator Supreme	6 D.	A. Young, Horsham	216	Gallant Kerrston..	A. D.	W. J. Beanham, Lilliput
1294	Factotum ..	A. D.	A. G. Haydon, Glenhompson	92	Gallant Macarthur	A. D.	T. Nankervis, Diggora South
1205	Fairboy ..	A. P.	A. M. Pearson, Omeo	444	Game ..	5 L.	A. A. Vallis, Serviceton South
1192	Fairleigh Style ..	4 D.	C. T. Johnston, Tongio	91	Game Boy ..	A. D.	Ethel M. Kirk, Donald
570	Fair News ..	4 L.	C. Robertson, sen., Boort	1554	Gamekeeper ..	5 T.	R. Newton, Nambrook
994	Fairview Briton ..	6 D.	C. A. Troeth, Heywood	833	Garry ..	3 P.	P. H. Cook, Tallangatta
40	Fairview Duke ..	4 D.	H. T. O'Reilly, Bleak House	135	Gartness ..	6 D.	A. J. Crosbie, Kinnabulla
93	Fairview Good Hope	6 D.	W. Cozens, jun., Leongatha	1187	Gasconade ..	A. T.	T. Kelly, Barham
273	Fairview Oversure	3 D.	C. S. Rodda, Warracknabeal	1257	Gay Choice ..	6 D.	J. Carew, Kilcunda
272	Fairview Remarkable	4 D.	C. S. Rodda, Warracknabeal	252	Gay Dan ..	A. D.	A. F. W. Brady, Bolton
687	Famous Voyage ..	A. L.	P. A. Beaumont, Ouyen	1509	Gay Prince ..	3 P.	G. J. Brough, Cheltenham
726	Fancy's Star ..	5 D.	John Bell, Merino	1071	Gay Print ..	4 D.	L. G. Whelan, Outtrim
617	Farleton Bold ..	A. D.	W. G. Wilkinson, Yarrowonga	1458	Gay Robin ..	A. D.	W. Irvine, Orbest
1278	Farleton Bold Record	A. D.	R. Crozier, South Morang	1517	Gay Serenader ..	A. T.	W. Mallinson, Stoneyford
763	Farleton Monarch	3 D.	T. Lucas, Colbinabbin	682	Gem of Manor ..	A. P.	W. E. Clinton, Heidelberg
502	Farleton Regal Tide	3 D.	A. Dickens, Corowa, N.S.W.	740	General Bingen ..	4 L.	A. J. Free, Lalbert
253	Farleton Seawave	A. D.	H. E. Poulton, Hopetoun	979	General Clyde ..	A. D.	W. W. Pole, Slaty Creek
498	Fashondale ..	5 D.	A. Ford, Princetown	187	General Foch ..	A. D.	J. Campbell, Kenley
539	Fashion's Pride ..	3 D.	H. Priestly, Carrum	1034	George Athol ..	5 P.	Humphrey Bros., Cressy
977	Fatty Arbuckle ..	A. D.	E. S. Argent, Warracknabeal	1529	Gigantic ..	4 T.	W. A. Morgan, Donald
686	Favourite Lad ..	A. D.	W. E. H. Hopgood, Berwick	608	Gillingall ..	A. T.	W. D. Armit, Bindi
341	Feather View Flower Dignity	4 D.	T. G. Bartlett, Gerang Gerung	274	Girrahween Onward	4 D.	E. W. Tischler, Dimboola
1162	Federal Knight ..	A. D.	A. T. Barnard, Morgan's Bridge	762	Glen Alto ..	4 P.	W. T. Mustey, Rochester
513	Felix ..	5 P.	J. Seymour, Mulwala, N.S.W.	30	Glenardine ..	3 D.	W. G. Wilkinson, Yarrowonga
701	Fenwick Captain..	3 P.	D. McLean, Yan Yean	992	Glenavon ..	6 T.	M. J. Tobin, Jung
702	Fenwick Nugget ..	5 P.	D. McLean, Yan Yean	188	Glen Ayr ..	A. D.	G. Peters, Eskdale
703	Fenwick Roxana..	3 P.	D. McLean, Yan Yean	950	Glen Baron Belmont	A. D.	T. Gilchrist, Rutherglen
616	Fenwick's Pride ..	A. D.	J. J. Grinter, Boosey	136	Glen Bower Bounty	A. D.	W. Heard, Noradjuha
528	Fernbank Comet..	5 D.	G. E. Gomm, Somerville	106	Glenbower Chief..	A. D.	V. A. Hicks, Melbourne
1180	Fernbank Gold Standard	5 D.	E. Smith, Warragul	1256	Glenburn Liddle..	A. D.	L. Martin, Gowanford
1481	Fern Grove Craig	3 D.	J. E. Tupper, Blowhard	1377	Glencairn Rob Roy	A. D.	W. and L. Oliver, Diggora West
966	Fighting Top ..	A. T.	Executors of the Estate of the late T. Robertson, Moyno Falls, Macarthur	392	Glen Craig ..	4 D.	W. Brown, jun., Mount Scobie
1500	Finalist ..	3 D.	E. F. Jenz, Katvil	248	Glen Dalough ..	6 D.	T. Fleming, Hiamdale
302	Financier ..	5 D.	Stepnell Bros., Scotsburn	563	Glen Dalough Favour	4 D.	M. W. McLoughlan, Birchip
1707	Finview Elect ..	A. D.	A. D. King, Macarthur	438	Glen Dalough Favourite	4 D.	H. Sundermann, Dawson
1398	Finley Direct ..	A. L.	H. S. Minchin, Picola	1467	Glen Dalough Futurist	3 D.	J. Sorraghan, Bylands
765	Fine View Favour	A. D.	J. Wink, Melbourne	819	Glen Dalough Monarch	4 D.	J. A. Scurrah, Musgrove's P.O.
1206	Fine View Premier	A. D.	H. Cook, Wilkur South	1207	Glen Dalough Roy..	A. D.	A. E. Heard, Noradjuha
946	Fine View Print ..	A. D.	T. Spong, Coleraine	613	Glen Dalough Footprint	A. L.	W. Byers, Tamleugh West
978	Fine View Squire	A. D.	J. Young, Merrilij	795	Glen Dalough Glangarry	4 D.	J. M. Smith, Melbourne
375	Fitzdale ..	5 D.	Sutton Bros., Berriwillock	951	Glen Dalough Glangyle	A. P.	C. Jones, Moyhu
1442	Flash Baron ..	4 D.	J. Mulherson, Swan Marsh	761	Glen Dalough Glenholme Model	3 D.	L. Taylor, Tongala
947	Flash Boy ..	6 D.	F. H. Coombs and Son, Mangalore	815	Glen Dalough Gleniris Flash	3 D.	W. D. Edwards, Hopevale
948	Flash Bute ..	A. D.	State Research Farm, Werribee	681	Glen Dalough Gleniris Norman	6 D.	G. T. Wallis, Serviceton
1379	Flashbutes Viceroy	6 D.	F. C. Newton, Nambrook	612	Glen Dalough Gleniris Willie	A. D.	H. Ellis, Quantong
615	Flash Douglas ..	6 D.	C. H. Pearson, Bellochmyle	680	Glen Dalough Glen Isla	A. D.	F. Perry, Corack
1588	Flash Dunure ..	A. D.	Jno. Bagnell, Mologa	506	Glen Dalough Glen Isle	4 D.	G. B. Hooper, Drumanure
1081	Flashlight Again..	4 D.	M. L. Synn, Fish Creek	738	Glen Dalough Glenladdie	4 D.	R. J. Jasper, Pine Grove East
1163	Flash Mark ..	6 D.	S. Clark, Bundalaguah	428	Glen Dalough Glen Mac	5 D.	A. D. Thompson, Wyuna
489	Flash of Fenwick	6 P.	P. Murtagh, Tahara Bridge	144	Glen Dalough Glen Major McKie	A. D.	W. M. Graham, Picola North
685	Flash of the North	A. D.	G. R. Hildebrand, Leitchville	1638	Glen Dalough Glenmere Craig	A. D.	J. Rumbold, Laanecoorie
1149	Flash Pine ..	4 D.	H. Mitchell, Hopetoun	35	Glen Dalough Glen Newton Bold	4 D.	A. Wohlers, Jung
1650	Flash Timekeeper	A. D.	Mrs. T. Clarke, Bundalong South	403	Glen Dalough Glenorme	4 D.	E. Murphy and Sons, Yarrowville
				1527	Glen Dalough Glenrowan	5 D.	G. L. Byrne, Kewell North
				1526	Glen Dalough Glenrowan Desmond	5 D.	O. Byrne, Kewell North
				1444	Glen Dalough Glen Royal	5 D.	J. J. Holdsworth, Streatham

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Cert. No.	Name.	Age* and Class.	Owner and Address.	Cert. No.	Name.	Age* and Class.	Owner and Address.
78	Glenvoirlyn Duke	4 D.	W. J. Westendorf and Sons, Dimboola	1469	Heathermont Alexander	3 D.	L. F. Gilpin, Labertouche
1492	Globepool's Image	4 L.	A. Turner, Notting Hill	28	Heath Villa Avon	5 D.	H. Newell, Murra Warra
1620	Globe's Image	A. L.	J. Ohlin, Gooramadda	697	Heir Apparent	A. T.	W. T. Cox, Moolort
952	Gobbler	A. D.	M. J. Cahill, Mannibadar	678	Heirloom	A. D.	E. and C. Powell, Teddywaddy
178	Gold Digger	6 D.	Research Farm, Werribee	1061	Henham Lad	6 T.	C. Graham, Warragul
459	Gold Dust	4 L.	A. Collard, Tongala	1585	Herdsmen's Treasure	A. D.	J. Waite, Nathalia
678	Golden Brew	6 L.	A. Cameron, Tahara Bridge	547	Here's Luck	4 P.	L. H. Penny, Merrinees
1152	Goldendale	4 P.	A. L. Beal, Birregurra	1514	Heritage	6 L.	T. W. Ballintine, Cosgrove
1470	Golden Glimmer	4 P.	Miss I. M. Freeman, Lang Lang	967	Hero	6 P.	W. J. Greaves, Lyndhurst
596	Golden King	4 D.	F. McDonald, Queenscliff	1098	Hero's Chief	4 D.	W. Dettmann, Kyneton
1645	Golden Simmer	A. P.	M. O'Brien, Hamilton	542	Highfield's Flash	5 D.	A. Nagorcka, Moutajup
1035	Goldfinder	5 P.	G. Nelson, Cressy	1251	Highland Scotty	5 D.	N. A. Procter, Caulfield
1077	Goldie	3 P.	P. W. Bowden, Won Wron	24	High Monarch	5 D.	N. H. Wills, Minyip
1710	Goodman	3 L.	J. T. Poynton, Essay South	311	Hillmania Footprint	4 D.	F. W. Lennecke, Jeparit
316	Goodwood Boy 2nd	A. L.	P. J. McCurry, Nanneella	1662	Hill Park Masterpiece	A. D.	A. W. Watson, Nullawil
1255	Goose Step	A. T.	H. D. Smerdon, Ballarat	1303	Hill Park Masterstroke	A. D.	R. J. Jones, Maryborough
1062	Gortland	A. T.	J. and T. Daffy, Swan Marsh	876	Hill Park Sunrise	3 D.	Cassidy Bros., Joyce's Creek
575	Gowan Leigh	4 D.	M. J. Sheridan, Donald	1032	Hill View Laddie	5 D.	F. Miller, Cassidy's Bridge
609	Gowan Premier	A. D.	C. Mitchell, Leongatha	179	Hill View Rising Star	A. D.	J. J. Gleeson, Southern Cross
980	Gracius	A. T.	G. O'Mealy, Warrnambool	1088	Hill View Rising Sun	A. D.	W. A. McClellan, Bungaree
611	Graculus	A. T.	S. Loveridge, Corowa	276	His Highness	6 D.	J. T. Monaghan, Gnawwarre
1644	Grand Derby	A. L.	H. Bullock, Hamilton	1496	Histon Grey Friar	A. D.	A. J. Melrose, Mintaro
679	Grand Harold	A. L.	W. C. A. Free, Leitchville	1031	Holly Green Lordly	4 D.	J. Gleeson, Killarney
1451	Grand Opera	A. L.	J. J. Guidice, Kangaroo Flat	882	Holton	A. D.	T. Moroney, Barnedown
749	Grand Robin	4 L.	Mrs. M. A. McDonald, Ultima	582	Holton's Pride	4 D.	M. and J. McGrath, Sutherland
121	Great Alex	A. D.	J. Molloy, Towaninnie	760	Homebush Ben	3 D.	J. Power, Rochester
696	Great Derby	A. L.	L. W. Crapper, Neilborough	1161	Homestead Simon's General	6 D.	L. J. Midgley, Minyip
1491	Great Scott	3 P.	J. Beard, Benalla	1160	Homeward Bound	A. L.	J. McCamey, Tinamba
1387	Greenlea Obligate	6 D.	J. V. Trethowan, Rockbank	877	Honest Jock	A. D.	T. Fletcher, Casterton
1473	Green Mantle	3 L.	A. P. Wade, Glen Alvie	147	Honest Mac	A. D.	E. A. Abbott, Fish Point
1439	Green Sloux	A. L.	C. T. Lucas, Pombornelt	1302	Horoscope	A. D.	F. Baker, Jung
1147	Grey Fox	5 P.	L. J. Weatherley, Mortlake	515	Hotspur	A. P.	Mrs. J. Wills, Carngham
850	Grey Ronald	5 T.	J. G. Morrison, Teesdale	607	Hugo	A. T.	O. W. Fisher, Tawonga Roadside
1076	Gulshire	4 T.	D. M. Sweeney, Yarram	968	Humoresque	A. P.	A. C. Bayley, Willaura
30	Gum Park Brilliant	5 D.	R. G. Tucker, Jung	982	Huntly Lad	A. D.	A. Schack, Gama
34	Gum Park Scotty	5 D.	G. J. Bodey, Longerenong	22	Hurdcott Baron	5 D.	T. D. Gneck, Boonah, Qld.
556	Gum View Chief	4 D.	B. Rogers, Mepunga East	429	Hyde Park Aviator	4 D.	J. Wilkinson, Kyabram
1196	Gum View Choice	4 D.	R. C. Sheldon, Pinnaroo	901	Ian Again	A. D.	H. G. Pearce, Murrayville
981	Gum View Prince	6 D.	J. Byron, Stawell	1275	Ibn Badaween	A. L.	Mrs. B. Follitt Sandford, Riddell's Creek
1464	Gus	4 L.	V. E. Welsh, Raglan	1678	Ideal Flashday	A. D.	A. and C. Dufty, Netherby
1254	Gwalia	A. P.	E. McKoy, Wodonga	180	Ideal Roy	A. D.	B. R. Paynter, Echuca
1493	Hadj	5 L.	N. W. Cousins, Gillenbah, N.S.W.	883	Ideal Slade	A. D.	S. R. Dalton, Tempy
899	Happy Bird	5 T.	Mt. Sturgeon Pty. Ltd., Dunkeld	1519	Ideal Viceroyal	A. D.	C. and P. McNaughton, Cavedish
1384	Happy Jack	A. L.	C. Nolte, Coleraine	1159	Idle Banter	A. T.	A. E. Bowman, Bethanga
1401	Hard Times	A. D.	D. G. Tomkins, Tongala	354	Iloma Dignity	5 D.	J. Dixon and Sons, Ullswater
1167	Harold Globe	4 L.	C. Carter, Karawinna	606	Indian Light	A. L.	Mrs. D. Maclean, Yan Yean
1563	Harvest King	A. T.	H. T. McPherson, Bairnsdale	1466	Inverness Flash Laddie	4 D.	J. P. Fraser, Beaufort
57	Harviestoun Hugh	6 D.	P. L. Williams, Miram	605	Irish Boy	A. D.	J. Cody, Ballarat East
118	Hawksdale Defiance	A. D.	C. C. Hawker, Lillimur	1044	Jack Briton	A. D.	G. W. and D. N. Greenaway, St. Arnaud
1305	Hawksdale Echo	6 D.	J. W. McDougall, Katandra	774	Jack Direct	3 L.	Fowler Bros., Dingwall
567	Hawksdale Gallant	4 D.	H. Wharton, Manangatang	1301	Jacko	A. D.	F. H. Bethke, Netherby
306	Hawksdale Renown	3 D.	C. C. Hawker, Lillimur	68	Jack O'Diamonds	A. L.	V. Downes, Winchelsea
571	Heathorn Major	5 D.	Haw Bros., Yando	247	James Erskin	3 D.	G. Fishburn, Mt. Moriac
794	Hazelbank Baron	5 D.	V. A. Hicks, Melbourne	1296	James McElwyn	3 L.	F. Diskin, Beac
1706	Hazeldene	A. D.	D. Trewick, Elmore	1291	Jester of Shetland Heights	A. P.	Mrs. M. Small, San Remo
610	Hazeldene Aitken	6 D.	Jacobs Bros., Eyre's Peninsula, S.A.	1158	Jock Cedric	A. D.	M. McLeod, Condah Swamp
287	Hazeldene Benedictine	4 D.	Hewitt and Sons, Werrigar East	1407	Jock Douglas	A. D.	J. H. Simon, Many
365	Hazeldene Demonstrator	5 D.	Donnan Bros., Watchupga	1703	Jock McGregor	A. D.	Messrs. Latta and Smith, Walpeup
45	Hazeldene Eldorado	3 D.	Westendorf and Sons, Dimboola	1406	Jock McGregor	A. D.	Exors. of the late R. Reseigh, Reseigh
1544	Hazeldene Ideal	4 D.	H. McGregor, Kaniva	604	John Dixie	A. L.	J. Glenn, Tylden
56	Hazeldene O.K.	3 D.	A. G. Dahlenburg, Winlam East	1541	John Garthland	A. D.	G. T. Deekert, Kinimakatka
86	Hazeldene Reid	6 D.	R. G. Ervin, Winlam	1157	John Holton	6 D.	E. J. Leeder, Cope Cope
773	Hazelwood Cavalcade	4 D.	Fawcett Bros., Towaninnie	524	Johnson	4 P.	C. A. Taylor, Brimlin
288	Heather Brae Baron	3 D.	W. H. Allen, Broughton				
1198	Heatherbray Cavalier	4 D.	C. J. Liesfield, Rainbow				
1304	Heather Jock	A. D.	J. S. Leyden, Skipton				
881	Heather Mac	A. D.	J. A. Emmerson, Clear Lake				

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STALLION REGISTER 1937-38—continued.

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884	John Shepherd ..	A. D.	H. Warrick, Gerang Gerung	315	Lake Marsh Honor	5 D.	A. R. Keller, Jeparit
1292	Jollie Clonglockety ..	A. D.	R. Williams, Dunbulbalane	591	Lalla Rhook Chief	5 D.	Mrs. D. V. McGregor, Man- angatang
1008	Julius Caesar ..	5 P.	Adams Bros., Staghorn Flat				
881	Justice ..	A. D.	N. Free, Lalbert	337	Lamorna	5 D.	H. Hargreaves, Kurraca West
555	Kallista .. Baron's Chief	4 D.	B. Rogers, Mepunga East		Romaduke		
1012	Kanara King ..	4 L.	D. Richens, Oxley Flat	783	Lanar's Thrill ..	4 L.	J. Marks, Ouyen
531	Kardella Douglas ..	3 D.	A. McMurray, Werribee	1359	Langdale ..	A. D.	G. A. Pope, Donald
507	Kardella Flashad ..	5 D.	E. C. Watters, Tallygaroopna	1586	Lansdale Again ..	A. D.	A. Carstensen, Woodsdale
551	Kardella Imprint ..	A. D.	R. O. Borgelt, Nhili	215	Lansdale Everest ..	A. D.	A. M. Gardiner, jun., Kerris- dale
31	Kardella Scottish Victor	4 D.	T. Maddern and Sons, Black- heath	1511	Larchwood ..	5 L.	W. E. Clinton, Heidelberg
1029	Karomin ..	A. T.	F. C. Coy, jun., Struan	1267	Largo ..	A. D.	McKenna and Sons, Berri- willcock
41	Kawarau Satis- faction	3 D.	A. B. Frost and Son, Netherby	1328	Last Pos ..	6 P.	A. Gillies, Noorat
1095	Kawarau Straths- lade	4 D.	T. M. Clark, Bundalong South	214	Late Fashion ..	A. D.	C. Summerhayes, Bolgbeat
1112	Kelly ..	A. P.	I. Curran, Horsham	1394	Laurel Wedgwood ..	5 D.	Miss E. R. Angliss, Melbourne
885	Kelm's Prince ..	A. D.	Nicoll Bros., Hoddle Range	1404	Lavereen Monarch	A. D.	J. Fehring, Horfield
902	Kelso Marquis ..	A. D.	A. H. Rathjen, Woodglen	1506	Lavereen Prince	A. D.	A. L. Hamilton, Corryong
903	Kelso Monarch ..	6 D.	J. H. Fure, Rutherglen		Buchlyvie		
376	Kelso O'Connell ..	3 D.	R. M. Gill, Berriwillcock	85	Lea Dale ..	A. D.	S. Simpson, Yapeet
603	Kelso Ideal ..	A. D.	W. J. Benney, Berriwillcock	1518	Leapfrog ..	A. L.	C. Campbell, Lubeck
374	Kelso Pride ..	4 D.	A. C. Newell, Culgoa	700	Leebrooke ..	6 L.	John Lee, Bushy Park
1667	Kelso Prince ..	A. D.	J. R. A. Glen, Sale	1723	Lee, Derby ..	6 L.	W. J. McKay, Elsternwick
1520	Kelso Sensation ..	A. D.	J. T. Watkins, Euroa	327	Leeds Grove Favour ..	4 D.	J. A. Collins, Fenton's Creek
1156	Kelvin ..	A. D.	J. Ople, Werribee	1536	Lee Globe ..	5 L.	W. J. McKay, Elsternwick
537	Kenmaur Gambler	3 P.	C. E. Stray, Kilmore	1347	Leezar ..	6 L.	L. M. Cushen, Kilmore
690	Kens Pride ..	A. P.	W. A. McMeekin, Kyneton	709	Le Grand Flash Douglas	4 D.	H. Cook, Wilkur South
1434	Ken Tellis ..	3 L.	A. Sims, Winlton	479	Le Grand Foot- print	4 D.	L. Rogers, Karawinna
39	Kenura ..	5 D.	J. R. McKenzie, Pinnaroo	640	Le Grand Foot- sure	6 D.	A. K. Rowan, Terip Terip
281	Kenwyn Standard	5 D.	McQueen Bros., Waubra	228	Lemon Grass	A. D.	J. Hallstone, Willunga, S.A.
1668	Kerrick ..	A. D.	McFarlane Bros., Anakie		Lieutenant		
561	Kerston Junior ..	5 D.	G. Luckie, Springhurst	181	Leurgan Elderchief	6 D.	P. E. Spicer, Dimboola
1463	Khancobin ..	4 P.	C. C. Pendergast, Benambra	909	Lexel Lea Brazen Laddle	A. D.	J. H. Roberts, Lalbert
602	Killawney ..	A. D.	Hicks Bros., Underbool	910	Lexel Lea Norval	A. D.	R. Wright, Borung
820	Kilmaccolm Excellence	3 D.	S. Wilson, Beulah	586	Lexel Lea Shade ..	3 D.	W. A. Wright, St. Arnaud East
1316	Kilmore ..	A. D.	C. and L. McDonald, Tim- mering				
904	King Billy ..	A. D.	J. I. Collins, Banyan	585	Lexel Lea Sun Stroke	4 D.	W. A. Wright, St. Arnaud East
1360	King Cedric ..	A. D.	J. M. Wood, Markwood	638	Lincoln Voyage ..	A. L.	J. Glenn, Tylden
905	King Dale ..	A. D.	E. R. Hopkins, Yinnar	1027	Lindon Laird ..	3 D.	J. R. Nash, Corio
741	King Dale ..	5 D.	T. Makeham, Cannie	637	Lipton ..	A. T.	W. T. Waters, Lake Bolac
1567	King Dooley ..	A. L.	J. C. Brocker, Bairnsdale	573	Lislea Great Knight	4 D.	S. Baxter, Picola
1405	King Favour ..	A. D.	E. W. Linke, Beaufort	192	Liston Duke ..	A. D.	C. S. Rodda, Warracknabeal
383	King Heedless ..	A. T.	J. Manifold, Weerite	1346	Little Brigham ..	A. P.	W. I. Greenaway, Beazley's Bridge
906	King Munster ..	6 L.	W. Davidson, Nangeela				
317	King Patrus ..	4 L.	T. W. Bridgett, Charlton	1403	Little Comet ..	A. P.	F. Hoysted, Wangaratta
1057	King's Prize ..	A. D.	J. McErvale, Trawalla	285	Little Eumarras ..	A. P.	H. W. R. Painter, Mincha
427	Kinross Craig ..	3 D.	A. McDonald, Kyabram	1173	Little Leo ..	A. P.	Mrs. A. Bray, Crocydon
111	Kin's Fancy ..	A. D.	J. W. Gray, Morkalla	1093	Little Maz ..	A. P.	W. Cullinan, Lakes Entrance
73	Kippendene ..	3 D.	Mrs. K. V. Taylor, Tull- bigal	598	Little Ned ..	A. P.	T. Humbert, Prairie
907	Kippet Law ..	A. D.	R. V. Ross, Holbrook, N.S.W.	237	Little Tich ..	A. P.	W. Anderson, Allansford
565	Kirkcaldy Flash Everest	4 D.	P. B. Malone, Leichardt	911	Lochaber ..	A. L.	Messrs. Roberts and Youren, Clunes
400	Kirkcaldy Unity ..	3 D.	G. Burrows, Scotsburn, Tas.	238	Lochend ..	A. P.	R. H. Chester, Melwood
90	Kirlemon Monarch	A. D.	F. Wood, Tallangatta	373	Lochinver General	4 D.	H. Morrison, Dumosa
1290	Kola Pronto ..	3 L.	Messrs. Hancock and Thompson, Ultima	581	Loch Lomond Scottie	4 D.	T. R. S. Gilmour, Cope Cope
461	Kolara Premier ..	5 D.	H. a'Beckett, Underbool	492	Lock Garry Crystal	5 D.	R. Neven, Burramine
969	Komura's Son ..	6 P.	W. C. Morrison, Pakenham East	519	Lock Garry Marshall	5 D.	J. Currie, Balmattum
895	Koonburra ..	5 T.	D. Waddell, Bairnsdale	462	Loch Lomond Fashion Plate	3 D.	A. B. Carter, Tutty
886	Koorngal Boy ..	6 D.	W. Hodges, Macarthur	84	Loddonlea Panacea	6 D.	T. Lees, Rochester
908	Koorngal Viceroy	6 D.	H. Kruger, Croxton East	543	Loddonlea Sunflower	5 D.	A. F. Board, Yarrara
307	Korongah Allen ..	3 D.	G. McNabb and Son, Irre- willipe	1475	Loddon Lea Triumph	4 D.	C. L. Sewell, Glenlyon
1600	Korongah Bar None	A. D.	J. C. Whitehead, Minhamite				
128	Korongah Bold Ian	A. D.	T. Wills, Streatham	1329	Loddon Lea Victory	A. D.	McKenzie Bros., Longlea
887	Korongah Craig- willie	A. D.	A. W. Hendy, Cowangie	140	Loddon View General Nat	A. D.	J. B. Ferguson, Waubra
983	Korongah Glen Arthur	A. D.	A. W. Bodey, Jung	1358	Lone Park Hero ..	A. D.	Lindsay Bros., Bessiebell
275	Kowai Sensation ..	6 D.	W. G. Ballantine, Cosgrove	150	Longerenong Boxer	5 D.	T. Jolley, Craigieburn
936	Lackamore ..	A. L.	W. R. Cahill, Ky Valley	742	Longerenong Major	5 D.	T. Bagnell, Yarrowalla
810	Laen View Scottish Boy	6 D.	J. J. Dickeson, Laen North	704	Longerenong Yellow Boy	4 D.	L. J. King, Quambatook
290	Laird of Lanarch ..	5 D.	W. Robinson, Armstrong	335	Long View Bonniefactor	5 D.	J. S. Lang, Richmond Plains
445	Lake Erie Chief ..	6 D.	G. S. R. Sprunt, Ardmona				
280	Lakefield Ebony Prince	3 D.	J. B. Ferguson, Waubra	1604	Lord Aldie ..	A. D.	R. T. Redenbach, Tambo Upper

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STALLION REGISTER 1937-38—continued.

Cert. No.	Name.	Age* and Class.	Owner and Address.	Cert. No.	Name.	Age* and Class.	Owner and Address.
58	Lord Allenby ..	A. D.	G. Oxley, jun., Gre Gre North	1135	Master Stamp ..	5 D.	C. T. Lucas, Pomborneit North
1696	Lord Belmont ..	A. D.	J. A. Sandford, Glenrowan	1223	Masterstroke ..	6 D.	Cleary Bros., Blampied
752	Lord Buchlyvie ..	5 D.	T. F. Kerr, Yeoburn East	1214	Masterstroke ..	A. D.	H. Parish, Winchelsea
1330	Lord Cedric ..	A. D.	J. A. Lord, Boigbeat	1725	Masterstone ..	A. D.	W. H. Mitchell, Sandford
1591	Lord Clyde ..	5 D.	J. E. L. Soutar, Benambra	1179	Master War Lord	4 D.	J. H. Roberts, Nilma
1331	Lord Dundonald ..	A. D.	Mrs. A. V. Shard, Katandra West	454	Manrage ..	4 L.	A. J. Stewart, Toolamba West
1080	Lord Llanos ..	6 L.	H. Macpherson, Hedley	1549	Max Voyage ..	A. L.	A. M. Sonneman, Beechworth
292	Lord Manfred ..	3 P.	L. A. Maddern, Kaniva	1356	Maydale Christie ..	A. D.	A. D. King and Sons, Rutherglen
639	Lord of the Isles ..	A. D.	C. H. Feldtmann, Major Plains	487	Mayfield Superb ..	4 D.	A. J. McCarron, Nathalia
453	Lord Patterdale ..	4 D.	J. Morris, Ouyen	1551	Maylea Alic ..	6 D.	W. J. Cobbleddick, Bunbartha
777	Lord Pettie ..	6 D.	M. Daffey, Milamo	915	Mazarron ..	A. T.	Betts Bros., Benambra
334	Lord Pronto ..	6 L.	R. H. Painter, Mincha	105	Meadows Surprise ..	6 D.	D. J. Davies, Korumburra
1345	Lord Roma Dale ..	A. D.	G. L. Marwood, Tandarra	60	Melinite ..	A. T.	J. Hamilton, Inverloch
535	Lord's Pride ..	5 D.	Tyquin Bros., Diggers' Rest	119	Melrock Double ..	5 D.	G. D. McEwen, Boyeo
636	Loricar ..	A. L.	H. B. Fitzpatrick, Orford	169	Melrock Flash ..	4 D.	F. J. Lambert, Beulah
437	Loughrea Alex ..	5 D.	Colliver and Sons, Cora Lynn	1253	Melrock Flash ..	A. D.	Todd Bros., Beulah
1189	Louis Direct ..	A. L.	E. B. Cochran, Ballarat	1252	Melrock Flash ..	6 D.	Todd Bros., Beulah
620	Lowland Lad ..	A. D.	C. C. Adkins, Arawata	916	Melrock Roy Dale ..	A. D.	C. H. James, Quambatook
1402	Lowland's Marshall ..	A. D.	Willett Bros., Warrenbayne	117	Melrock Satisfaction ..	4 D.	A. A. Stokes, Abbotsford
1208	Loyalty ..	6 P.	B. A. Kavanagh, Waubra	1570	Melton's Trust ..	A. T.	E. C. Blair, Watchem
1049	Lucerne Vale ..	4 D.	N. J. W. Quick, Mollongship	518	Meredindale ..	5 D.	Mrs. K. Brady, Georam
1060	Rising Moon ..	A. D.	Mrs. J. B. Little, Sale	353	Merrievalle Bonnie Dene ..	3 D.	E. L. Hanstorfer, Natimuk
1036	Lyleston Rodney ..	A. D.	A. F. Emery, Benalla	1215	Merry Prince ..	A. D.	A. Langley, Timboon
821	Lynm Loden ..	A. D.	J. E. Morley, Beulah	133	Merry Prince ..	A. D.	R. M. Rollason, Porepunkah
635	Lyndale ..	A. D.	A. B. Burns, Turrif	1362	Merton's Bold Boy ..	6 D.	A. E. Horkings, Beechworth
1682	Lyndale II. ..	A. D.	O'Callaghan Bros., Boorongie	1172	Mer Vue Pride ..	5 D.	W. G. Dennis, Heyfield
21	Lyndale Knight ..	4 D.	Hancock and Wakenshaw, Bambill	1224	Mid-day ..	A. P.	J. Bannam, Wallacedale
1055	Lyndhurst Master ..	A. D.	Sieber Bros., Mulcra	1000	Middlerigg King ..	A. D.	P. G. Weaver, Boort
1663	Lyndhurst Master Craig ..	A. D.	J. F. Delahunty, Murtoa	822	Middlerigg Prince ..	3 D.	H. H. Ferguson, Echuca
1332	Lyndhurst Radiant ..	A. D.	Mrs. T. Burdett, Smythe's-road	1515	Midnight Voyage ..	A. L.	A. D. Thompson, Wyuna
1452	Lynson ..	A. P.	G. R. Nicholas, South Melbourne	1606	Mikado ..	A. L.	A. G. Turnbull, Winneburn North
1333	Mac ..	A. D.	E. O. Manuel, Kerang	468	Milliroon Majestic ..	3 D.	J. Tweddle, Murchison East
1029	Mac Direct ..	A. D.	Charity Bros., Serpentine	1171	Milton Cavalier ..	5 D.	M. J. Killen, Myrtlebank
229	Macduff ..	6 D.	R. and J. Galloway, Majorca	257	Milton Huon ..	A. L.	C. E. Burkinshaw, Wareek
1209	Mac Graig ..	6 D.	A. E. Shaw, Rochester	917	Milton, Mauritius ..	6 L.	Messrs. Whiting and Vincent, Ballarat North
813	Maclands Duplicate ..	3 D.	L. M. Bailey, Gama	854	Miniature 3rd ..	A. P.	T. C. Maldment, Moyston
9	MacRobert ..	5 D.	J. Davison, Donald	1714	Minton Bells ..	A. L.	Mrs. A. A. Laidlaw, Ararat
634	Mac's Worthy ..	A. D.	E. Wilson, Llanelly	213	Mnenon King ..	A. T.	G. L. Gibbs, Bonang
912	McLesh ..	A. D.	R. Wight, Woodside	630	Model Bute ..	A. D.	Hansen Bros., Barnawartha
793	Main Derby ..	5 L.	C. L. Balding, Boort	1344	Mokanger ..	6 L.	A. C. Miller, Barham
1334	Major Again ..	A. D.	H. Brown, Minyip	1225	Monte ..	A. D.	C. A. Farrell, Bigbeat
1385	Major Clyde ..	A. D.	H. G. Burge, Landsborough	1039	Mont Harold ..	A. L.	Mrs. M. Canning, Mildura
1357	Major Lee ..	A. D.	E. V. Menzel, Bellbrae	855	Montrose ..	A. D.	V. Flintoft, Dunosa
1630	Major Mac ..	A. D.	H. Henderson, Barraport	496	Montslade ..	3 D.	H. Whitty, Cobram
1504	Major Mac ..	A. D.	J. Park, Wymah, N.S.W.	729	Mooney Way ..	A. L.	C. E. Howe, Epsom
1210	Major Willie ..	A. D.	J. H. Reichelt, Ni Ni Well	856	Moorabool Pride ..	A. P.	J. S. Thompson, Binnockburn
1631	Mallee Chavaller ..	A. D.	J. Cobain, jun., Sale	270	Mooreland's Pride ..	5 D.	Ractliffe Bros., Bullengrook
451	Mallee Voyage ..	4 L.	A. E. McMahon, Ouyen	999	Mordeen ..	6 L.	W. S. Drury, Penola, S.A.
1211	Malphacar ..	A. L.	J. M. Silcock, Morwell	101	Moredun Baron ..	A. D.	Mrs. F. Tilley, Port Fairy
456	Mansfield ..	5 T.	A. Kennedy, Tatura	1030	Moredun Hero ..	5 D.	J. D. Roache, Woolsthorpe
1097	Manway ..	5 T.	P. M. and C. L. Meek, Miniera	629	Moredun Ranger ..	A. D.	J. C. Storer, Branxholme
631	Marbell of Shetland Heights ..	A. P.	Mrs. A. D. Maclean, Yan Yean	434	Morella Leader ..	6 D.	G. Burrows, Scotsdale, Tas.
1026	Marber Slade Chief ..	3 D.	S. L. Gordon, Lismore	182	Morning Prince ..	A. D.	Jas. Draper, Yan Yean
83	Marcellus ..	A. D.	R. Henderson, Curdie Vale	1131	Morning Star ..	3 D.	A. Scroggie, Glenormiston South
89	March ..	A. L.	J. Kinnimouth, Winchelsea	183	Morocco Chief ..	6 D.	J. Mildenhall, Ensay
59	Marcus Junior ..	A. L.	Blair Bros., Lara	232	Morocqa Dale ..	6 D.	R. H. Rees, Horsham
1713	Maritimus ..	A. D.	J. J. Carmody, Colac	212	Morocco Lad ..	A. D.	W. J. Hocking and Sons, Oakvale
1213	Mark Hazel ..	A. P.	R. A. Sadler, Taminick	1086	Morris Pat ..	A. P.	Mrs. M. E. Kenny, Yarroweayah
79	Mark Radiant ..	4 D.	T. Waters, Wallup	1226	Mossbank Mac ..	A. D.	D. Findlay, Noojee
818	Marmindi Holton ..	4 D.	E. W. Roll, Hopevale	1482	Mossdale's Choice ..	3 D.	Clerk Bros., Carlsruhe
1486	Marshlea Crystal Blend ..	3 D.	R. Jones, Barfold	230	Mountain Hero ..	A. D.	S. E. R. Cobain, The Heart, Sale
1212	Marvel of Earlshall ..	A. P.	Mrs. C. G. Maclellan, South Yarra	787	Mount Baron ..	A. D.	A. Cheesley, Barnawartha
632	Maryvale Lildal ..	A. D.	J. M. White, Yaapeet	797	Moving Star ..	5 L.	A. G. Willat, Maryborough
631	Master Bob ..	A. P.	A. T. Currell, Timboon	1068	Mr. Das ..	4 L.	F. Curtain, Caulfield
1378	Master Brook ..	A. L.	A. Beattie, Tungamah	837	Mulcra's Pride ..	A. D.	E. G. Mickan, Sunset
574	Masterdale ..	A. D.	A. C. Kerr, Kerang	235	Mundell ..	A. D.	B. Storey, Teddywaddy
1543	Masterdene ..	3 D.	J. H. Meyer and Son, Kaniva	560	Munzo Supreme ..	5 D.	G. Luckie, Springhurst
457	Master Jack ..	4 D.	L. F. Lawler, Ouyen	628	Munificent ..	6 D.	J. H. Meyer, Kaniva
900	Master Jim ..	5 P.	T. Maddison, Tawonga Road-side	449	Murmac ..	5 D.	Mrs. I. M. Cleary, Mildura
1153	Master Relief ..	5 D.	R. O. Wilson, Cororooke	305	Mygunyah Abdul ..	3 D.	Thorn and Champness, Kojonup, W.A.
828	Masters Duplicate ..	A. D.	R. J. Thomson and Son, Brim				

* Note.—Age in years. A, aged; D, draught; L, light; P, pony; T, thoroughbred.

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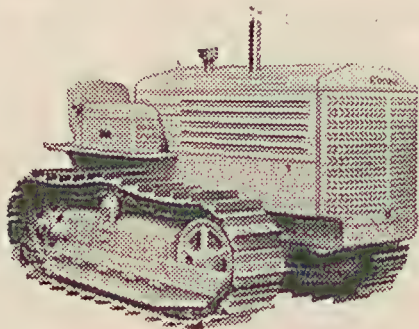
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STALLION REGISTER 1937-38—continued.

Cert. No.	Name.	Age* and Class.	Owner and Address.	Cert. No.	Name.	Age* and Class.	Owner and Address.
835	Myna ..	4 L.	J. Rapsey, Tallangatta	857	Oversure ..	A. D.	W. and H. Holland, Sheep Hills
1685	Myora Baron ..	6 D.	Allen Bros., Kenmare	732	Pal ..	5 P.	K. D. Lane, Merino
137	Myora Baron Mac	A. D.	Rigney Bros., Chinkapook	127	Palfresco ..	5 T.	A. Weinholt, Kathah, Q'land
817	Myora Baron Signet	4 D.	H. Griffiths, Kenmare	1674	Parkdell ..	A. D.	A. A. Stokes, Abbotsford
318	Nairn Flash Sergeant	4 D.	J. A. and W. H. McKenzie, Dimboola East	734	Parkfield Hero ..	4 D.	A. Hocking, Tandarra
809	Naldera Bold Bott	3 D.	H. Eckel, Minyip	858	Parkfield Pride ..	6 D.	J. McG. Johns, Dooen
627	Naldera Bold Chief	6 D.	L. Coburn, Swan Hill	326	Parkfield, Prince..	4 D.	E. F. Caine, Logan
1561	Napoleon ..	A. D.	C. Savage, Cobden	1524	Parkfield Stamp ..	A. D.	A. J. Trask, Irrewarra
520	Narada Hughie ..	4 D.	J. T. Watkins, Euroa	304	Parlawidgee Select	3 D.	L. E. Grosser, Serviceton
1369	Naseby Baron ..	6 D.	W. Macgrath, Yanac South	466	Parliwidgee Refiner	4 D.	E. Venning, Pinnaroo
190	Naseby Belmont Stephen	A. D.	D. McCormack, Rosebery	20	Parliwidgee Request	4 D.	W. J. Poke, Smithton
1679	Naseby Briton ..	A. D.	A. C. and A. Duffy, Lorchoun West	921	Parsee ..	A. T.	A. Brown, Rupanyup
1368	Naseby Flashmore	A. D.	J. H. Tonissen, South Hamilton	1720	Pataudi ..	A. L.	A. K. Buckley, Buffalo
806	Naseby Monarch	4 D.	J. A. Williams, Rupanyup	922	Patrician Craig ..	A. D.	J. and T. Brown, Turrif
517	Naseby Monarch	3 D.	C. Hewitt and Sons, Werriagar East	123	Pearlyn II. ..	A. L.	F. W. Bowden, Won Wron
586	Naseby Regalslade	3 D.	A. Wharton, Manangatang	1343	Pedro Chief ..	A. L.	A. D. McLennan, Derrinal
1438	Naseby Sailor ..	4 D.	A. G. Gardner, Cavendish	745	Penrith Laddie ..	3 D.	W. H. Fowler, Kerang
829	Naseby Stephen ..	5 D.	R. J. McPherson, Brim	923	Perquator ..	6 T.	G. Smith, Newstead
1287	Nattal's Prince Mark	4 P.	Mrs. E. C. Robertson, Macarthur	804	Perryport ..	5 L.	H. Borneman, Leitchville
10	Nazar ..	A. L.	A. D. Keir, Melbourne	1132	Pertabol ..	3 L.	I. S. Black, Terang
436	Nell's Gift ..	5 D.	P. B. Malone, Leichardt	1342	Peterdale ..	A. D.	J. H. Walder, Watchem
1227	Netherha Drew ..	A. D.	W. J. Fades, Colac	859	Peter Mac ..	6 L.	F. P. Grogan, Newbridge
1188	Netherha Factor ..	A. D.	F. K. Oberlin, Goornong	1510	Peterwah ..	A. L.	F. Ocolowitz, Flemington
278	Nether Ha Flashwood	4 D.	J. B. Ferguson, Waubra	896	Pie Pie ..	3 P.	T. J. McNamara, Omeo
1503	Netherhall ..	A. D.	J. Allan, Wycheproof	342	Pineglen Dignity..	4 D.	R. D. Buckley, Glenlee
595	Netherland Knight	5 D.	J. Funcke, Minyip	1119	Pine Grove ..	A. D.	J. G. Fisher, Pinnaroo
1143	Netherwood Allslade	3 D.	R. J. Wilson, Camperdown	860	Pineholme Admiral	A. D.	Mrs. M. Cullis, Stawell
465	Netherwood Reflector	4 D.	L. M. Simon, Pinnaroo	1647	Pineholm Baron ..	A. D.	W. P. Clark, Tongala
1266	New Derby ..	A. L.	L. J. King, Barraport	74	Pineholm Prestige	4 D.	J. Burton, Goschen
918	Newfields Pride ..	A. D.	R. J. Baldwin, Gre Gre South	100	Pine Lea Belmont Print	A. D.	J. Russell, Hesse
142	Newlyn Bold Silk	6 D.	T. A. Myers, Dean	789	Pine Lea Bold Hero	4 D.	E. W. Reading, Callawadda
910	Newton Lad ..	A. D.	F. W. Murphy, Murphy's Lake	540	Pine Lea Flash Footprint	3 D.	G. Hiscock, Willowmavin
1059	Newton Style ..	A. D.	C. Graham, Warragul	1535	Pine Lea Pride ..	6 D.	James Bros. and J. McMillan, Swan Hill
1228	Nimtybelle Mac ..	A. D.	H. Chessals, Youanmitte	711	Pine Park Baron..	3 D.	A. T. Walder, Watchem
75	Ni Ni John ..	4 D.	C. G. B. Schultz, Ni Ni Well	826	Pine Park Style ..	4 D.	Hopkins Bros., Glenluce
823	Nitsua Mel's Pride	4 D.	A. Roberts, Beulah	1096	Pine Vale Dennis	3 D.	J. F. Beeson, Macarthur
88	Nivek ..	A. P.	J. P. Arthur, Caulfield	625	Pine Vale Laddie	6 D.	F. J. Densley, Dalyston
914	Noble Star ..	A. D.	S. Dunstan, Huon	413	Pine Vale Scotty..	3 D.	T. Buckley, Romsey
1164	Nokila ..	A. T.	J. G. Adams, Mansfield	467	Pistol Voyage ..	5 L.	Mrs. G. I. Kenny, Pinnaroo
120	Noralunga Flash Step	4 D.	A. R. Trask, Galaquil East	816	Play Boy ..	4 L.	A. J. Millar, Hopevale
1284	Noralunga Gold Bar	4 D.	A. B. and E. B. Anderson, Yea	1386	Playfair ..	A. D.	Mrs. W. Sait, Teddywaddy
548	Noralunga Slademond	5 D.	A. T. Drinkwater, Annuello	1643	Pleasant Dale ..	6 D.	Telford Bros., St. Arnaud East
920	Norseman Laddie	A. D.	A. H. Hooper, Gooramab	1649	Pocket Edition ..	A. P.	B. Keenan, Yarrowonga
545	Northwood Chief	3 D.	E. F. Higgins, Merrine	1516	Poilu ..	A. P.	E. W. Dahlenburg, Nhili
471	Northwood Flash Bute	3 D.	E. A. Walker, Cowangie	475	Powder Puff ..	A. P.	Morey Bros., Yabba North
511	Norwood Sunrise	5 D.	Murphy and Sons, Yarraville	559	Powerscourt ..	A. T.	G. Luckie, Wanganatta
532	Not Infalible ..	5 L.	E. S. Jenkins, Werribee South	61	Predomino ..	A. D.	C. Kelly and Co., Caramut
1479	Noved ..	5 L.	B. L. Edwards, Lancefield	211	Premier Prince ..	A. D.	H. A. Sudholz, Murtoa
710	Nulkwynne Duplicate	4 D.	J. L. Belleville, Watchem	1118	Present ..	A. P.	J. F. Mitchell, Ebdon
584	Nullabeen ..	5 P.	T. H. Wills, Ouyen	1618	Pride Darnley ..	A. D.	H. A. Boschert, Tempy
1648	Nullshell ..	A. P.	Mrs. H. D. Young, Hamilton	624	Pride of Argyle ..	6 D.	M. Moloney, Litchfield
576	Oakcrest Flash Roy	4 D.	W. J. Hosking, Oakvale	623	Pride of Belle Vue	A. D.	J. H. Grylls, Laanecoorie
48	Oakdale Bullochmille	4 D.	L. Launder, Bonanup	558	Pride of Briton ..	A. D.	A. Mackenzie, Pigick
721	Oakdale Buchlyvie Lad	5 D.	J. O. Hulland, Patchewollock	599	Pride of Didyme ..	A. P.	G. Brongh, Cheltenham
807	Oakleigh Prince Charlie	3 D.	C. A. Graham, Rupanyup	832	Pride of Glencorrie	4 D.	E. H. Mitchell, Huon
445	Oaklyn Stryvers Mac	A. D.	B. Mills, Yarra Glen	622	Pride of Honor ..	6 D.	O. J. Pohlner, Woorak
1229	Obligation's Footprint	A. D.	A. F. Dahlenburg, Salisbury	1120	Pride of Scots ..	6 D.	W. Filby, Huntly
626	Ochertyre Widgiewa	A. D.	D. Ervin, Central Mologa	1243	Pride of the Lake	A. T.	R. F. Blake, Green Lake
541	O'Connor's Pride..	6 D.	W. Fletcher, Woorinen South	1461	Prince ..	4 D.	C. C. Tucker, Raglan
1367	Onward ..	A. D.	W. Bean, Sale	1553	Prince Alexander II.	A. D.	L. J. McDonald, Winchelsea
314	Ora Park Onward	A. D.	L. J. Taylor, Lake Boga	785	Prince Allenby ..	3 D.	H. H. Duxon, Wallaloo East
1701	Oxford ..	A. D.	S. T. and W. C. Capron, Lethbridge	346	Prince Aron ..	5 D.	Amarant Bros., Wattle Creek
				352	Prince Audley ..	4 P.	J. Lear, Mitre
				713	Prince Brunstane	4 D.	S. N. McCallum, Watchem
				1242	Prince Buchlyvie	A. D.	Laffan Bros., Donnybrook
				210	Prince Craig ..	A. D.	C. A. Eagle, jun., Barham, N.S.W.
				852	Prince Craigie ..	6 D.	J. H. Sellwood, Undera
				776	Prince Dignity ..	A. D.	J. V. Haggblom, Sea Lake..
				593	Prince Dunure ..	5 D.	S. C. Mott, Lascelles
				1673	Prince Ecuador ..	A. T.	F. W. Hender, Broomfield
				924	Prince Gay ..	A. D.	P. D. Richards, Gladysdale
				1170	Prince Henry ..	3 P.	K. M. Kenyon, Sale
				99	Prince Imperial ..	A. D.	A. Collins, Watchupga
				1693	Prince Lad ..	A. D.	W. Guskett, Corowa, N.S.W.

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STALLION REGISTER 1937-38—continued.

Cert. No.	Name.	Age* and Class.	Owner and Address.	Cert. No.	Name.	Age* and Class.	Owner and Address.
405	Prince Laddie ..	A. D.	G. Burrows, Scotsdale, Tas.	486	Rosemont Lebbeus	4 D.	A. Muir, Picola North
1365	Prince McQuaid ..	A. D.	G. A. Anderson, Lascelles	497	Rosemont Pride ..	5 D.	P. McGillivray, Berrigan, N.S.W.
1279	Prince Owen	A. P.	H. M. Walker, Melbourne	577	Roseneath Ambition	5 D.	F. Sutton, Gredgwin
1587	Prince Que ..	A. P.	H. D. Bromley, Mitcham	1589	Roseneath Baronet	A. D.	Doig and Heriot, Wangaratta
1241	Prince Wallace ..	A. D.	J. Pole, Nullawil	1372	Roseneath Craig ..	A. D.	E. McKoy, Wodonga
1364	Prince Wigton ..	A. D.	J. Strobidge, Brookville	185	Roseneath Ivan ..	A. D.	W. Hay, Leongatha
744	Prince William ..	5 D.	O. A. Cockfield, Nowie	792	Roseneath Pirate	4 D.	S. P. Foster, Junr., Richmond
925	Quarrington Lad ..	A. D.	T. A. Hamblin, Toolleen	332	Rosevier's Ben ..	4 D.	Balinger Bros., Neuarpur
621	Quattas Belmont ..	A. D.	M. Lindsey, Staghorn Flat	1166	Rosevier's Flash	5 D.	F. C. Coy, Woorndoo
1631	Quiamong ..	A. T.	N. F. Armytage, Melbourne	1025	Rosevier's Flash-Idol	5 D.	D. I. Gibson, Lismore
1702	Radiant Derby ..	A. L.	W. A. Riedell, Nathalia	331	Rosevier's Liston	4 D.	Gaulke Bros., Tarranyurk
464	Radiant Globe ..	5 L.	T. R. Greskie, Katandra	330	Rosevier's McQuaid	3 D.	Gaulke Bros., Tarranyurk
722	Radiant Kinsman	4 D.	C. C. Thomson, Patchewollock	11	Rosewell	3 D.	A. D. Keir, Melbourne
69	Rafa ..	A. P.	W. Hawke, Kilmany	1689	Roseworthy ..	A. L.	Exors. of the Estate of the late Mrs. R. Stone, Derrinallum
1181	Randha ..	3 L.	E. J. Bass, Tubbut	1382	Roslyn ..	6 P.	E. Allan, Ondit
1635	Ranfurly's Pride	A. D.	G. Stone, Daalka	29	Rosscrea Baron	4 D.	J. Magee, Longerenong
846	Ranor ..	A. L.	J. V. Hagglom, Sea Lake	77	Rosscrea Craig	3 D.	G. Grey and Son, Braxholme
1067	Raseel Laddie ..	5 P.	W. D. Cochrane, North Poo-wong	463	Rosscrea Craigmores	5 D.	Mrs. A. J. Lawrey, Walpeup
1	Rashid ..	4 L.	G. A. Bennett, Chinkapook	1123	Ross Glen Callum	6 D.	H. C. Younger, Greta
739	Rattler ..	4 D.	D. R. White, Janiemer East	1557	Rostrata ..	A. L.	K. Urquhart, Hexham
802	Ray's Derby ..	3 L.	W. C. A. Free, Leitchville	193	Royal Albion ..	A. D.	J. Morgan, Clayton
649	Real, O. K. ..	A. D.	J. Crilly, Carag Carag	755	Royal Anchor ..	4 P.	Salter Bros., Cullen
1408	Recompense ..	A. D.	F. H. Baker, Jung	1417	Royal Bellman ..	A. D.	E. Mackley, Greenland Dam
138	Red Douglas ..	6 D.	L. S. Wandel, Underbool	1418	Royal Belmont ..	A. D.	W. A. Creighton, Molesworth
1190	Reedsdale Lad ..	5 D.	W. C. Morrison, Pakenham East	145	Royal Cap ..	6 T.	T. G. Turner, Dergholm
363	Refiner ..	4 D.	N. T. McMillan, Pier Millan	927	Royal Captain ..	A. D.	G. H. Nunn, Tiegla
645	Reflection ..	A. D.	D. Reardon, Mansfield	114	Royal Castle ..	A. D.	C. Hawker, Lillimur
1692	Reflector ..	A. D.	P. N. Burdett, Hopetoun	1642	Royal Dale ..	A. D.	H. Adams, Undera
1240	Regal Dal ..	A. D.	Millard Bros., Deans Marsh	208	Royal Dale ..	A. D.	Lynch Bros., Underbool
1117	Regal Hlawatha ..	A. D.	G. E. Bowman, Dunluce	325	Royal Direct ..	5 D.	J. Sutton, Fenton's Creek
423	Regal Salute ..	5 D.	F. McGuire, Galah	1599	Royal Douglas ..	A. D.	Voigt Bros., Nhili
791	Regal Star ..	3 D.	W. H. Oats, Mansfield	546	Royal Duke ..	3 D.	G. H. Fox, Merrinee
484	Reitcam Meluke ..	5 D.	J. McMillan, Avenel	1419	Royal Escort ..	A. L.	Coe Bros., Coleraine
1121	Reliance ..	6 D.	J. Hunter, Murrabit	1698	Royal Fashion ..	A. D.	C. R. Sprake, Murtoa
798	Reputate ..	6 T.	W. Catlin, Elmore	790	Royal Fetter ..	3 L.	L. Butler, Marnoo East
914	Resolution ..	A. D.	J. V. Trethowan, Rockbank	1370	Royal Flight ..	A. L.	A. J. Lane, Coleraine
394	Retrieve ..	4 L.	Baker Bros., Stanhope	1074	Royal Footprint ..	3 D.	Nicoll Bros., Hoddle Range
1562	Review ..	A. D.	A. E. Barbary, Woomelang	1306	Royal General ..	A. D.	W. R. McAlpine, Lascelles
1634	Rexdale ..	A. D.	Mrs. H. B. Cannard, Lascelles	1460	Royal George ..	A. D.	S. O. Wood, Nangamie
1046	Ribbonwoods Echo	4 L.	E. Earl, Shelford	206	Royal John ..	A. D.	M. W. Warde, Campbell's Forest
1239	Richville Favourite	6 D.	W. Wyatt, Pallarang	1371	Royal Kelm ..	A. D.	Mrs. M. Alexander, Glenloth
756	Riddell Romany	5 D.	R. Winterbottom, Cohuna	208	Royal George ..	A. D.	F. Hamilton, Coonoor Bridge
533	Riddell Romany Ruler	4 D.	A. Thompson, Werribee	1652	Royal King ..	A. D.	T. H. Hopkins, Chillingollah East
1363	Rightaway ..	A. L.	G. H. Mitchell, Speed	1232	Royal King ..	A. D.	C. E. Peucker, Nandaly
1450	Right Dale ..	A. L.	A. K. Gerrans, Jamieson	336	Royal King ..	6 L.	C. F. Simons, Fenton's Creek
1150	Ring Master ..	5 D.	L. Fox, Coleraine	416	Royal Lad ..	A. D.	A. R. Allen, Hardings
503	Ringwood Crystal	5 D.	J. A. Davis and Son, Corowa, N.S.W.	1632	Royal Mac ..	A. L.	Charity Bros., Serpentine
1122	Rising Dawn ..	A. D.	G. N. Pilmore, Gerang	512	Royal Mac ..	A. D.	W. J. Robinson, Truganina
1238	Rising Sun ..	A. D.	J. O'Bree, Piangill	125	Royal Mac ..	A. D.	A. Coe, Balliang
1076	Riversdale Chief ..	3 D.	H. T. Gilbert, Amy's Track	1448	Royal MacGregor	A. D.	G. Simons, Lalbert
1409	Robert Bruce ..	A. D.	A. G. Evans, Lima East	750	Royal Mac Onward	3 D.	G. H. Conway, Ultima
1719	Robin Escort ..	6 D.	W. McCarty, Lake Rowan	648	Royal Peter ..	A. D.	H. A. Hanson, Wyuna
1375	Robinhood ..	A. D.	J. McKee, Clarendon	1072	Royal Prince ..	6 P.	R. Browne, Tarwin
1410	Robin's Style ..	A. D.	A. T. W. Holland, Warrack-nabeal	1307	Royal Prince ..	6 D.	J. B. Alexander, Bulga
1411	Robrie Boy ..	6 D.	D. Rickard, Curyo	500	Royal Prince ..	4 D.	F. Jenvey, Springhurst
1498	Rob Roy Ditty ..	3 P.	W. E. Clinton, Heidelberg	1722	Royal Prince ..	A. D.	Trower Bros., Glencairn
1499	Rob Roy Nigger ..	3 P.	W. E. Clinton, Heidelberg	1677	Royal Redman ..	A. D.	E. McCabe, Underbool
209	Rocket ..	A. P.	A. W. Thomson, Hamilton	488	Royal Rucker ..	5 D.	D. White, Nalunga
324	Roderick Dhu ..	A. D.	D. Blair, Buckrabyule	644	Royal Rouge ..	A. L.	C. L. Wright, Flynn's Creek
65	Rodwac George ..	3 D.	W. J. Thornton, Baukamaugh North	1237	Royal Scotch ..	A. D.	C. F. Henke, Boolite
708	Roman Favourite	3 D.	C. A. Roberts, Mysia	364	Royal Scot ..	5 D.	A. F. Peucker, Sea Lake
1191	Romeo ..	5 P.	W. D. Armit, Bindi	1308	Royal Standard ..	A. D.	J. Patching, Gymbowen
1047	Ronald ..	5 D.	J. Doyle, Berrybank	231	Royal Strabane ..	A. D.	J. Galloway, Majorca
1412	Ronsard ..	A. T.	H. F. Hoysted, Wangaratta	1142	Royal Success ..	6 D.	Gallagher Bros., Eastville
1374	Rosalind's Pride ..	A. D.	G. F. Coles, Traralgon West	1656	Royal Sunbeam ..	A. D.	G. Bennett, Chinkapook
447	Rosebrae Bold Prince	4 D.	W. Gracie, Merrigum	643	Royal Top ..	A. P.	J. R. McMeekin, Kerang
646	Rosebrae Reflector	A. D.	A. Lynch, Merlungur	1670	Royalty ..	A. P.	A. J. Kealy, Edenhope
1373	Rosebray Master-piece	6 D.	Kennett Bros., Kaniva	597	Royal View ..	4 D.	G. Giddings, Sea Lake
647	Rosedale I. ..	A. D.	G. T. Werner, Jeparit	552	Royal Welcome ..	5 D.	A. J. Walker, Swan Hill
926	Rosedale II. ..	A. D.	H. Schuller, Rainbow	1293	Roy Redmond ..	A. L.	E. B. Cochran, Ballarat
830	Rosedale Again ..	5 D.	Mrs. E. Gilmour, Willenabrana	928	Rufus ..	6 D.	G. Trower, Archdale
851	Rosedale Superb	4 D.	G. Fitzpatrick, Maldon	433	Rushbrook ..	A. D.	R. Norman, Becac
				1574	St. Fervent ..	5 T.	E. T. Collier, Tatura

* Note.—Age in years. A., aged; D., draught; L., light; P., pony; T., thoroughbred.

STALLION REGISTER 1937-38—continued.

Cert. No.	Name.	Age* and Class.	Owner and Address.	Cert. No.	Name.	Age* and Class.	Owner and Address.
17	St. Helen's Dignity	3 D.	M. P. Broome, Tocumwal	660	Sir Douglas	A. D.	W. McNamara, Dartmoor
705	St. Ninian's	4 D.	V. L. Watson, Nyah	70	Sir Guy	A. P.	A. G. Hunter, Seymour
	Captain			1262	Sir Percy Northcote	A. D.	Kennett Bros., Kaniva
1712	St. Ninian's	A. D.	D. McFarland, Narraport	1168	Sir Peter	5 D.	F. H. Cannon, Boisdale
	Craigends			933	Sir Prince Argos	A. D.	A. D. McLean, Patchewollock
1195	St. Ninian's Royal Slade	3 D.	D. Cowan, Waala	1339	Sir Richard III.	A. P.	W. Henderson, Grasmere
432	St. Ninian's Sailor Boy	3 D.	S. Erbs, Trafalgar	1338	Sir Robert	A. D.	C. P. Tobin, Eskdale
481	St. Ninian's Slade	3 D.	Dickie Bros., Tungamah	1416	Sir Royal Charm	A. D.	P. T. Monaghan, Wymlet
62	Sacedon	A. T.	Mrs. M. E. Middleton, Hamilton	1459	Sir Rupert	A. D.	N. S. R. West, Corop
753	Sailor	4 L.	Miss M. Keats, Kerang	1314	Sir Stanley	A. P.	Morrison Bros., Creswick
1525	Sam Huon	A. L.	Miss E. O'Brien, East Melbourne	1653	Sky Sign	A. T.	M. Rae, Carlsbrook
844	Sam Mack	A. L.	A. Cheesley, Barnawartha	170	Sladmore	3 D.	S. W. Buckle, Alvie
717	Sampson	A. D.	W. Bingham, Thorpdale	1154	Sligo	6 L.	C. Chisholm, Cardigan
929	Sandy Hurst	6 D.	S. Waters, Corryong	1261	Slip Knot	A. D.	T. Dickens, Swan Hill
1274	Sanguine Select	6 D.	N. A. Procter, Caulfield	1515	Soldier Boy of Fenwick	A. P.	Mrs. C. G. Macellan, South Yarra
1605	Santa Claus	A. P.	W. C. Greaves, Monomeith	1260	Some Laddie	6 P.	P. Robinson, Corryong
1309	Sartares	A. L.	R. Benyon, Wodonga	303	Somerton Douglas	5 D.	A. M. Arthur and Sons, Kaniva
189	School Bells	A. P.	F. A. Wardle, Brim	293	Somerton Morn	3 D.	L. A. Maddern, Kaniva
1447	School Bells Junior	A. P.	N. Lelft, Natimuk	204	Sorcerer	6 T.	C. Sutton, Fenton's Creek
1310	Score Boy	6 D.	R. J. Free, Lalbert	1316	Spartan	6 T.	R. G. Bryant, Nerrim Nerrim
527	Scotch Crystal	5 D.	J. Culhane, Norong Central	101	Spearearl	A. T.	R. Edmonds, Creswick
1141	Scotch Drummy	A. D.	W. G. Young, Neerim	1454	Speed On	6 T.	A. Langmore, Melbourne
1446	Scotchie	A. D.	I. Kelly, Korong Vale	1265	Spengues Baron	A. D.	R. V. Collier, Cora Lynn
913	Scotch Laddie	A. D.	H. A. De La Haye, Dandenong	98	Sportsman's Hero	A. D.	B. P. Brady, Goomar
233	Scotch Mint	A. D.	P. L. Livingston, Meering West	396	Springmead General	4 D.	A. A. Stokes, Abbotsford
1311	Scotch Mixture	A. D.	Mrs. A. F. Downie, Sea Lake	163	Springside Mac	A. D.	W. H. Penahuna, Boolarra
1312	Scotch Thistle	A. D.	W. H. Waters, Pyramid	730	Spring View Favour	A. D.	M. L. Daffy, Mitiamo
1625	Scotland Again	A. D.	A. McDonald, Mount Wallace	1144	Squire Watson	5 D.	J. Garner, Bostock's Creek
1657	Scotland Again	A. D.	J. Mulholland, Eurobin	1138	Stamperland Star	A. D.	Fullam Bros., Torrumbarry
1445	Scotlands Dignity	A. D.	A. Walters, Moyhu	395	Stanvale Emblem	4 D.	Baker Bros., Stanhope
1718	Scotlands Victor	A. D.	P. Boyd, Stavely	657	Stanvale Pride	6 D.	Baker Bros., Stanhope
1231	Scottish Baron	A. D.	Ellwood Bros., Wallace	1100	Stardom	A. T.	J. McClure, Auburn
845	Scottish Chief	A. D.	R. D. Hicks, Yarrowonga	63	Stardust	A. P.	C. A. Welsh, Violet Town
930	Scottish Chief	A. D.	J. Hayden and Sons, Pullut	1546	Steel Wings	A. P.	J. Lynn, Orbost
600	Scottish Crown	A. D.	J. W. Scott, Antwerp	19	Stirling Even Tide	5 D.	C. R. Schultz, Woarack
146	Scottish Hero	6 D.	H. Hillgrove, Watchunga	390	Strathdale	4 D.	J. H. Kaye, Carlsbrook
803	Scottish Ideal	5 D.	G. A. Hipwell, Wee Wee Rup	1317	Strathlea Baron	6 D.	J. Garner, Bostock's Creek
1140	Scottish King	A. D.	E. E. Glenn, Calulu	344	Strath Dalla	4 L.	H. Ahpee, Ararat
1569	Scottish Laird	A. D.	M. J. Rogers, Toaan	656	Strathkellar Benefactor	A. D.	S. J. Lynn, Orbost
1178	Scottish Pride	3 D.	McLean Bros., Warragul	12	Strathore Angus	3 D.	A. D. Keir, Melbourne
1230	Scottish Star	6 D.	Mrs. J. Broome, Noorinbee	13	Strathore Crest	3 D.	H. Trimble, Pine Lodge
207	Scottish Tasman	6 D.	E. Scott, Noradjuha	14	Strathore Material	3 D.	S. T. Hawkins, Finley, N.S.W.
1263	Several	A. T.	S. L. Cross, Minimay	989	Strayon	4 T.	S. Price, Wallacedale
1501	Shamrock Farm Pride	6 D.	A. Holmberg, Hunter	1133	Struan Major	5 D.	G. Murch, Darlington
1313	Sheik Hadj	A. L.	Mrs. A. M. Cook, Wangaratta	1048	Struan Prince	4 D.	S. Turner, Foxbow
264	Shephards Masterstroke	5 D.	F. S. H. Crafter, Kewell North	205	Stylish Craig	6 D.	P. J. Flynn, Shepparton
1413	Shepherd Clyde	A. D.	A. B. May, Beulah	1614	Stylish Tennessee	A. L.	N. D. Halbert, Mitiamo
1626	Shepherd Lad	A. D.	P. McFarland, Boosey South	1058	Stylish Top	A. L.	L. J. Bastow, Inglewood
642	Sherwood	A. D.	S. Dunstan, Huon	1053	Summersby Donald	5 D.	A. V. Bond, Yinnar
	Endeavour			162	Sunbeam Simon's Heir	6 D.	J. Long, Wareek
300	Shire Don	4 L.	N. F. Pickering, Murtoa	345	Sundial	4 D.	J. Slorach, Pomonal
931	Shirva Fort	A. D.	H. McCluskey and J. Jackson, Piree	523	Sunny Baron	5 D.	A. Morley, Rutherglen
234	Signon	A. L.	H. T. Rope, Lascelles	1137	Sunnydale	A. D.	J. Minotti and Son, Strathlea
714	Silver Bells	3 P.	H. Cook, Wilkur South	27	Sunnyfields Chieftan	3 D.	A. H. Pietsch, Dimboola
534	Silver Dale	5 D.	J. M. Bowman, Myrniong	1288	Sunny Jim	4 P.	J. W. Robertson, Macarthur
1414	Silver King	A. P.	A. E. Heard, Numurkah	1508	Sunnyland's Flash	A. D.	G. S. Gibb, Moyhu
38	Silver Lining	4 D.	A. Dickens, Corowa	480	Sunnyland's Hero	4 D.	J. T. Jones, Wilby
1598	Silverlyn	A. P.	J. Cobain, Sale	1177	Sunnyland's Knight	5 D.	E. R. Morton, Drouin
1341	Silver Marsh	A. P.	P. Donahue, Wonthaggi	655	Sunnyside Norseman	A. D.	A. E. Buereknor, Tungamah
641	Silver Prince	A. D.	W. McDonald, Wharparilla North	472	Sunnyside Pride	5 D.	E. G. Griffiths, Cowangie
1415	Silver Prince	6 D.	A. McCrum, Bunbartha	1480	Surbiton Donald	4 D.	H. E. Ward, Ballarat
501	Silver Scorn	3 P.	E. A. Wilson, Corowa	1337	Swanie Maurittus	6 L.	D. F. Wilkie, Benjeroop
470	Silverstroke's	3 D.	H. C. Schroeder, Murrayville	1318	Sweet Bells	A. P.	H. Elliot, Bostock's Creek
	Fancy			339	Sylva Banker	4 D.	W. H. Deckert, Diapur
1139	Simarre	A. T.	E. McIlraith, Baukamaugh North	1547	Tamar Favourite	4 D.	W. G. Young, Neerim
932	Simon Again	A. D.	J. Roulston, Muskerrey East	350	Tamar Lancer	3 D.	T. Kerr, Wycheproof
659	Simon Dale	6 D.	J. H. Bant, Carlsbrook	788	Tasma Prince	5 L.	W. T. Langdon, Gre Gre Village
590	Simon Dale	4 D.	E. Wilson, Llanely	348	Taunton Premier	5 D.	H. G. Jenz, Antwerp
323	Simondale	4 D.	R. Shaw, Glenloth	397	Taxonla Crystal	3 D.	D. Wiley, Sydney
51	Simon's Son	A. D.	R. Butler, Newstead	522	Tearon	5 P.	P. Nott, Rutherglen
1340	Sir Armadale	A. D.	A. T. Sharkey, Sutherlands Creek	422	Teddy	5 D.	Mrs. I. M. Erhardt, Galah
1659	Sir Bute	A. D.	W. G. Sparks, Toongabbie	1619	Tenacious	A. P.	T. Williams, Bendigo
1669	Sir Douglas	6 D.	Mrs. E. M. Scott, Carwarp	25	The Admiral	A. L.	Hawkes and Read, Dingee
				853	The Cavalier	A. D.	J. Leitch, Wodonga
				199	The Count	A. P.	A. M. Thomson, Hamilton
				1336	The Dux	A. D.	O. O. Scammell, Back Creek P.O.

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STALLION REGISTER 1937-38—continued.

Cert. No.	Name.	Age* and Class.	Owner and Address.	Cert. No.	Name.	Age* and Class.	Owner and Address.
379	The Gums Flowerdale	4 D.	D. Jardine, Maryborough	889	Victoria Pasha ..	4 D.	State Research Farm, Werribee
126	The Gums Masterdale	A. D.	W. H. Gibbins, Galah	104	Victoria Prince Norval	A. D.	W. Munro, Gapsted
1490	The New Idea ..	4 D.	J. O. Hanson, Fernhill	888	Victoria Solid Stamp	A. D.	W. J. Eades, Colac
528	The Shah ..	3 L.	A. M. Cook, Wangaratta	943	Victoria Vague ..	A. D.	Mrs. H. S. McEwen, Boonoonar
1136	The Sheik ..	A. L.	E. A. Kramer, Nhill	236	Victor McLaglen ..	6 D.	H. W. F. Lee, North Winton
1176	The Swell ..	5 P.	L. Arnold, Warracknabeal	1433	Victory ..	6 P.	E. E. Small, San Remo
1654	Thornfield Craig ..	A. D.	Parry Bros., Charlton	1523	Villius ..	6 T.	Melbourne Hunt Club, Melbourne
300	Thornlie Majestic	5 D.	R. R. McDonald, Mannerim	1627	Vin Dillon ..	5 L.	O. Henry, East Geelong
110	Timarau ..	6 D.	H. R. Aysn, Elmore	294	Vine Grove Captain	5 D.	A. A. Stokes, Abbotsford
514	Timely Tim ..	6 L.	S. J. New, Bostock's Creek	553	Vio Malt ..	A. T.	J. A. Cain, Boxwood
1532	Timer King ..	5 P.	C. A. Lawrence, Apsley	166	Vulcan ..	A. T.	J. Gapes, Port Fairy
485	Timberlea Herole ..	5 D.	S. Vale, Picola West	737	V. Voyage ..	A. L.	D. Larkin, Rigg's Creek
241	Timely Direct ..	A. L.	J. M. Cromie, Noble Park	1432	Walkoura ..	A. D.	W. G. Burns, Lemon Springs
1006	Tinker Toy ..	A. P.	R. T. Jarvis, Cudgewa	1396	Waituna ..	A. D.	S. A. Greaves, Narre Warren
1456	Tiny Tim ..	A. P.	B. A. McDougall, Barham	415	Waldens Drumcross	A. D.	C. Block, Goroke
200	Toby ..	A. P.	A. W. Thompson, Hamilton	1300	Wanstead Wedgewood	A. D.	Miss E. R. Angliss, Bacchus Marsh
536	Tocum ..	3 P.	E. O. Bidstrup, Broadford	1319	Wapilly ..	A. T.	J. Coe, Coleraine
878	Tommy Atkins ..	5 P.	G. Hobson, Yarram-road, Sale	1320	War Lord ..	A. D.	T. Attenborough, Poowong North
1348	Tommy Dodd ..	A. P.	Jos. Kelson, Kirkstall	102	Warragoon Flash Willie	3 D.	J. A. McLean, Beulah
1175	Tom Thumb ..	5 P.	J. Hope, Warragul	167	Warrender Craig ..	A. D.	Mrs. J. M. Robertson, Waubra
147	Tooma ..	A. D.	F. Dobinson, Cudgewa	1011	Warrior's Heir ..	4 P.	A. McK. Byatt, Corryong
201	Top Stream ..	6 D.	B. Hickey, East Trentham	1013	Watchfull ..	5 D.	J. S. Newth, Whorouly South
989	Toy Boy ..	A. P.	Louis Leake Pty. Ltd., Cudgewa	1531	Watchfull ..	A. T.	A. Loban, Flinders
1259	Tractor's Rival ..	6 D.	J. Hadfield, Cann River	816	Wee Charles ..	A. P.	J. Dawkins, Colac
1148	Tradesman ..	5 D.	R. A. Roulston, Henty	149	Wee Charles ..	A. P.	W. Forster Woods, Melbourne
312	Tredean Prince ..	4 D.	C. R. Reichelt, Pigick	19	Wee Key ..	A. P.	W. Lamb, Noorat
1040	Tressayr ..	A. T.	E. Dunstan, Wando Bridge	1009	Welkin Gold ..	3 T.	H. C. Robertson, Tintaldra
1436	Trimmer ..	4 P.	J. W. Smith, Lockington	1169	Wemen ..	A. L.	Mrs. A. Schneider, Narre Warren
71	Trivento ..	A. T.	J. Smith, Whittlesea	1199	Werndew Charming	3 D.	R. A. Perkins, Rainbow
938	Trooper ..	A. D.	T. Draffin, jun., Tutye	1294	Werndew Emperor	3 D.	C. J. Liesfield, Rainbow
939	True Scotch ..	A. D.	C. Bowman, jun., Gunbower	313	Werndew Flash Footprint	5 D.	T. Parker, Pepper's Plains
1716	Tyrone Boy ..	5 L.	W. T. A. Martin, Tatura	746	Werndew Flowerman	3 D.	P. J. Ryan, Chinkapook
1335	Uley Chieftain ..	6 D.	G. S. Gibb, Moyhu	654	Werndew Golden Footprint	A. D.	J. A. Dalrymple, Warracknabeal
171	Uley Masterslade ..	3 D.	J. Henderson, Baulkamaugh North	589	Werndew Masterman	5 D.	L. G. Hicks, Manangatang
988	Universal ..	6 D.	J. Burns, Euroa	1258	Werrap Browndale	A. D.	R. N. Dunn, Rupanyup
894	Valetta Archies Honour	A. D.	W. Saunders, Heywood	1676	Werrri Park Precedent	3 D.	F. G. McCormack, Boorhaman
848	Valetta Baron's Mac Honour	A. D.	B. Frew, Marnoo	309	Western Vale Banker	4 D.	M. J. Ryan, Broughton
165	Valetta High Honour	A. D.	A. H. Adams, Loxton, S.A.	103	Western Monarch	6 D.	J. H. A. Reichelt, Ni Ni Well
46	Valetta Horace ..	3 D.	R. H. Larcombe, Mount Moriac	1024	Westphalia Laddie	3 D.	F. A. Lehmann, Lismore
653	Valetta Lock Hero	6 D.	Dunstan Bros., South Jeffcott	861	Whare Puni Desire	A. D.	F. A. Lehmann, Lismore
80	Valliant ..	A. T.	S. E. Bailey, Pura Pura	544	What's Wanted ..	3 D.	S. R. Meyer, Yarrara
1709	Valliant Chief ..	5 T.	H. F. Hoysted, Wangaratta	652	White Olaf of Manor	A. P.	Mrs. A. D. Maclean, Yan Yean
940	Velma Scots Wa Hae	6 D.	H. C. Starick, Murtoa	1613	White Socks ..	A. P.	C. A. Taylor, Annuello
391	Veradale	3 D.	R. V. Morse, Burnie, Tas.	550	Widgiewa	6 D.	Miss B. MacDonald, Willow Grove
54	Veradale For Ever	4 D.	K. Cameron, Warracknabeal	1430	Widgiewa Alick ..	A. D.	D. Chisholm, Swan Hill
879	Veradale Noble ..	4 D.	W. Sheehan, Muckledford	944	Widgiewa Belmont	A. D.	J. A. Roberts, Willenabrina
1128	Verbilly ..	A. T.	F. K. Johnston, Moyhu	1045	Widgiewa Bill ..	A. D.	N. Procter, Caulfield
986	Viceroy Baron ..	6 D.	E. B. Moyle, Yaapect	862	Widgiewa Black Diamond	A. D.	A. E. Morey, Katandra West
72	Viceroy Favourite	A. D.	W. Harris, Garvoc	566	Widgiewa Blue Ribbon	3 D.	T. M. Smith, Bannerton
1724	Viceroy Imprint ..	6 D.	H. Rundell, Warracknabeal	1597	Widgiewa Cavalier	A. D.	H. G. Bennett, Yanac
148	Viceroy Premier ..	6 D.	V. G. Bailey, Werrimull	554	Widgiewa Edward	A. D.	Executors of the Estate of the late W. C. Down, Koonda
417	Victor ..	A. P.	H. D. Moodie, Waggarandall	731	Widgiewa Emblem	A. D.	A. S. Baugh, Buchan
941	Victoria Biologist	A. D.	D. Wood Bros., Epping	1611	Widgiewa Fashion	A. D.	J. Price, Mologa
893	Victoria Botanist	A. D.	W. Henderson, Grasmere	863	Widgiewa Glancer	A. D.	A. Creighton, Tungamah
892	Victoria Double Flash	5 D.	N. C. Hodgson, Hedley	1721	Widgiewa Intent ..	A. D.	F. A. McRae, Wallup
890	Victoria Flash Duke	3 D.	State Research Farm, Werribee	1393	Widgiewa Ivo ..	A. D.	E. McKoy, Wodonga
1395	Victoria Flash Jester	6 D.	T. Daffy, Swan Marsh	1612	Widgiewa Knight	A. D.	F. G. Moss, Waala
942	Victoria Flash Pat	6 D.	D. E. Holden, Katunga	1575	Widgiewa Lebbeus	A. D.	A. H. Hooper, Dookie
808	Victoria Flash Patriot	5 D.	A. B. Chapman, Minyip	1624	Widgiewa MacRobertson	A. D.	Munro Bros., Galah
320	Victoria Flash Prince	5 D.	Mrs. A. J. Kendall, Charlton	176	Widgiewa Mark ..	A. D.	E. F. Arthur, Wall
1023	Victoria Flash Thong	5 D.	J. W. Norris, Balmoral				
891	Victoria Lascar ..	4 D.	State Research Farm, Werribee				
987	Victoria Major Wigton	A. D.	Grimmer Bros., Wickcliffe				
1276	Victoria Northern Light	A. D.	T. M. Millar, Pearsondale				

* Note.—Age in years. A., aged; D., draught; L., light; P., pony; T., thoroughbred.

STALLION REGISTER 1937-38—continued.

Cert. No.	Name.	Age* and Class.	Owner and Address.	Cert. No.	Name.	Age* and Class.	Owner and Address.
864	Widgiewa Model ..	6 D.	F. Connelly, Kerang	508	Woodview Carmore	6 D.	G. Burrows, Scotsdale, Tas.
971	Widgiewa Ninian ..	A. D.	W. Robertson, Lake Boga	494	Woodview Glen ..	4 D.	F. Stillard, Barooga
1622	Widgiewa ..	A. D.	Mrs. M. E. Taggart, Bannerton	1134	Woolamai Banker ..	5 D.	I. Black, Mt. Noorat
	Rosemont ..			399	Woolamai Lionel ..	3 D.	W. Gunn, Goondiwindi, N.S.W.
168	Widgiewarra ..	6 D.	F. W. Mitchell, Lalbert	263	Woolamai Mack ..	6 D.	V. G. Groutsch, Tocumwal
1283	Widgiewa's Model ..	4 D.	F. J. Lane, Woodfield	1548	Woolamai Major ..	3 D.	A. Sutherland, Welshpool
1065	Wildfire ..	4 L.	C. E. Pettigrove, Macorna	398	Woolamai Peter ..	3 D.	Messrs. Roberts and Co., Ngbo, Qld.
754	William Dale ..	4 D.	E. O. Manuel, Kerang	770	Woorilla Craig ..	3 D.	J. H. McDonald, Rochester
202	William Grattan ..	6 L.	G. Miller, Echuca	448	Woorilla Fashion ..	3 D.	T. O'Brien, Undera
611	William Wallace ..	A. D.	F. E. Southwell, Linga	291	Worawingeth Black ..	5 D.	A. T. Leishman and Sons, Kingston
173	Willie Craig ..	A. D.	A. T. Leishman, Kingston		Slade ..		
985	Willie Holton ..	A. D.	H. D. Boxall, Woomelang	650	Worthy Footprint ..	A. D.	W. G. Ballintine, Cosgrove
1392	Willie McBride ..	A. D.	S. A. and J. O. Cheatley, Colbinabbin West	1216	Wunnamurra Flash ..	A. D.	A. C. Jorgenson, Katyil
					Baron ..		
651	Willie's Pride ..	A. D.	V. H. Rentsch, Minhamite	1428	Wunnamurra Flash ..	A. D.	N. W. Quick and Sons, Molongship
53	Willowbank Duke ..	5 D.	K. Cameron, Warracknabeal	1217	Wunnamurra Im ..	A. D.	H. S. Nottle, Netherby
1641	Willowbank Hero ..	A. D.	H. Adams, Undera		print ..		
435	Willowbank Major ..	5 D.	Maier Bros., Tatura	67	Wunnamurra Patrol ..	3 D.	F. Thornton, Waaia
572	Willowhurst Pride ..	5 D.	C. J. Cable, Boort	1427	Yarradale Overdue ..	A. D.	Messrs. Goldsmith and Co., Donald
1270	Wilma Dick Lee ..	6 D.	R. W. Crozier, South Morang	1484	Yarra Pride ..	5 D.	J. T. Bell, Yarra Glen
1651	Wimmera Success ..	A. D.	McFarlane Bros., Berriwillock	984	Young Banjo ..	A. P.	Miss J. H. Moran, Narre Warren
1391	Windermere Inter ..	6 D.	P. M. Burdett, Hopetoun				
	mediate ..			1218	Young Baron Royal ..	A. D.	J. G. Mengler, Walpeup
1390	Winmore Cedar ..	6 D.	J. McKee and Sons, Clarendon	1388	Young Caesar ..	A. P.	L. R. Brindley, Guy's Forest
	ville ..			1041	Young Carmyle ..	3 D.	J. Doherty, Tynong
174	Winsome Banker ..	A. D.	H. Redford, Nurcoung	1219	Young Degree ..	A. D.	L. Greenbank, Snake Valley
865	Winsome Favourite ..	A. D.	P. J. Darrigan, Colbinabbin East	1576	Young Flashlea ..	A. D.	A. Kisman, Tarrington
				945	Young Foreman ..	A. D.	G. S. Fraser, Ellinbank
175	Wizard Brooks ..	A. P.	N. R. Ralston, Mogloneby	1684	Young Harperland ..	A. D.	W. Mellington, Bambill
1005	Wodilla Pride ..	4 D.	E. S. Whitehead, Cudgewa	177	Young Ki Ki ..	A. P.	J. W. Robertson, Macarthur
1174	Wonder Lu ..	3 L.	J. G. Downie, Ripplebrook	164	Young Lynney ..	A. D.	W. H. Penalarra, Boolarra
15	Woodbank Duplex ..	5 D.	A. D. Keir, Melbourne		Champion ..		
16	Woodbank Imperial ..	4 D.	W. G. Ballintine, Cosgrove	47	Young Mac ..	5 D.	N. McGillivray, Gunbower
1494	Woodbank Special ..	3 D.	J. H. Glenn, Tylden	759	Young Maurite ..	3 L.	H. R. Willis, Rochester
	ity ..			286	Young Morocco ..	A. D.	R. M. Smith, Landsborough
1522	Woodhack ..	A. T.	P. A. Sinnott, Maffra	1129	Young Onward ..	3 D.	M. and A. Fleming, King Valley
733	Woodhall Sunflower ..	4 D.	M. J. Hocking, Yallock	491	Young Sheik ..	3 P.	A. D. Burridge, Mulwala
866	Woodhurst Warrior ..	A. D.	G. R. Hildebrand, Leitchville	1070	Young Surrydale ..	4 D.	S. Hancock, Poowong South
1504	Woodland's Fav ..	6 D.	W. Pizer, Coburg	1495	Yultewirra ..	A. T.	C. A. Chisholm, Khancoban
	ourite ..			1505	Zone Time ..	A. D.	A. Hamilton, Corryong
1389	Woodlawn Stamp ..	6 D.	Petrass Bros., Kewell	141	Zoroaster ..	6 T.	R. G. Ritchie, Mansfield
295	Woodlea Dennis ..	3 D.	T. Readhead, Walkaway, W.A.				
800	Woodlea John ..	5 D.	T. Moroney, Barnedown				
1376	Woodlea ..	6 D.	W. and L. Oliver, Diggora West				
	Dewar ..						
867	Woodlea Mac ..	6 D.	C. R. McKenzie, Cressy				

* Note.—Age in years. A., aged; D., draught; L., light; P., pony; T., thoroughbred.

REGISTRATION REFUSED

List of Stallions in respect of which Certificates of Registration have been refused but which, the owners having paid the prescribed fee, may be retained for breeding purposes with owner's own mares.

Name.	Age* and Class.	Owner and Address.	Name.	Age* and Class.	Owner and Address.
Unnamed ..	6 D.	W. H. Baldwin, Ballarat	Bacchus ..	5 D.	J. Flanner, Nathalia
Unnamed ..	4 D.	H. and G. Bryant, Werneth	Bally Dick ..	A. P.	M. G. Lennox, "Myoora," Ballan
Unnamed ..	A. D.	Mrs. R. Cannard, Litchfield	Barfold ..	A. D.	N. J. Hanrahan, Barfold
Unnamed ..	A. L.	Max Cole, Wedderburn	Barney Baron Belmont ..	5 D.	A. T. Cole, Wodonga
Unnamed ..	A. D.	Elliot Bros., Leneva	Baron Bold ..	4 D.	J. N. Williamson, Detpa
Unnamed ..	4 D.	D. W. K. McCready, Oudit	Baron Boxer ..	6 D.	E. A. White, Allansford
Unnamed ..	4 D.	Jno. Murphy, Dunrobin	Baron Craigie ..	3 D.	J. Cameron, Timor West
Unnamed ..	6 L.	Naughton Bros., Omeo	Baron of Tara ..	A. D.	M. Coonan, Yea
Unnamed ..	A. L.	R. P. Nicol, Yarram	Baron O.G. ..	A. D.	L. J. Vine, Ouyen
Unnamed ..	3 D.	J. R. Williams, Stawell	Baron Pride ..	4 D.	H. C. E. Watts, Yawong
Abbots Craigend ..	3 D.	H. Turner, Cardinia	Baron Prince ..	5 D.	Geo. Tyler, Sale
Admiral Break Knot ..	3 D.	N. Lloyd, Long Plain, via Sea Lake	Barra Bogie ..	4 D.	H. R. Mitchell, Watchupga
Alberta Park Royal ..	5 D.	J. E. Pitcher, Tatyoon	Bell Boy ..	4 D.	P. Gardiner, Carlisle River
Albyn Fashion ..	3 D.	Marshall Bros., Glenalbyn	Bell Boy ..	A. T.	A. G. Turnbull, Coleraine
Alert ..	A. L.	S. B. Coghill, Tallangatta	Bell Boy ..	A. D.	H. F. Goldsmith, Corack
Allerton Bold Sunbeam ..	5 D.	S. McKay, P.B., St. Arnaud	Bellman ..	4 D.	H. Wharton and Bros., Cochrane's Creek
Alto Bells ..	A. P.	J. Barty, Redesdale	Belmont Again ..	5 D.	A. E. and C. Emerson, Lake Boga
Aringa Bold ..	4 D.	Mrs. F. Tilley, "Aringa," Port Fairy	Belmont Lad ..	A. D.	G. Ingram, Echuca

* Note.—Age in years. A., aged; D., draught; L., light; P., pony; T., thoroughbred.

STALLION REGISTER 1937-38—continued.

Name.	Age* and Class.	Owner and Address.	Name.	Age* and Class.	Owner and Address.
Benambra ..	A. D.	Nankervis Bros., Corryong	Fairview Viceroy ..	4 D.	G. E. F. Merton, Brentwood
Ben Bolt ..	5 D.	S. Numan, Wymlet	Feather View Prince ..	5 D.	F. R. T. Coles, Kiata
Ben Kell Reflect ..	4 D.	N. R. Ralston, Moglenemy	Stewart ..		
Bill Craige ..	A. D.	Ford Bros., South Muckleford	Fifeness Flash Baron ..	4 D.	H. L. Treasure, Stratford-
Black Arbuckle ..	A. D.	G. A. Iersch, Homecroft	Fish Creek Baron ..	A. D.	J. J. Mackin, Fish Creek
Black Prince ..	6 D.	M. Walsh and Sons, Swan-	Flash Direct ..	A. L.	C. T. Evans, Rathscar
		water	Flash King ..	A. D.	D. Bryce, Narraport
Black Prince ..	3 D.	Jas. Wilson, Nanneella	Gala Prince ..	4 D.	G. H. Holloway, Mepunga
Black Star ..	3 D.	D. Madill, Koyuga South			East
Blemish ..	A. P.	S. Harms, Myrtleford	Gannawarra Toby (late	5 D.	W. Mulham, Kyvalley
Blue North ..	A. D.	E. Brownlaw, Carwarp	Toby Moray) ..		
Bobby ..	A. D.	A. J. Lane, Chillingollah	Gay Boy ..	A. L.	G. M. Black, Tarwin Meadows
Bold Donald ..	4 D.	Nunn Bros., Tungamah	Gay Dan ..	3 D.	A. F. Scarce, Linga
Bold Lad ..	4 D.	H. S. Bailey, Yarraberb	Gay Silver ..	3 D.	S. H. Bull, Paschendale
Boldmon ..	6 D.	A. Cumming, Donald	General Point ..	5 D.	K. Evans, Tudor
Bold Prince ..	4 D.	H. V. Borger, Cornella East	Giffard Lad ..	A. D.	H. T. Shields, Giffard West
Bold Style ..	4 D.	J. Glenane, Bungaree	Glen Craig ..	A. D.	Mrs. M. E. Barber and Sons,
Bold Wallace ..	A. D.	E. R. Sands, Corack East			Birchip
Bonnie ..	3 D.	A. Y. Holt, Cannie	Glen Gonner ..	A. D.	Jas. McGregor, Tanart
Bonnie Clyde ..	4 D.	Mrs. E. A. Storer, Mananga-	Glen Grove Lynguard ..	4 D.	J. J. Carmody, Bullock Swamp
		tang	Glen McBride ..	A. D.	H. Jager, Swan Hill
Bonny Bruce ..	A. D.	J. Robertson, Dundonnell	Gloucester ..	3 D.	W. Murfin, Mittyack
Boro Handyman ..	4 D.	Barnes Bros., Coleraine	Goomalibee Prince ..	A. D.	Geo. Goodman, Benalla
Bowler ..	3 D.	A. C. Masters, Corryong	Graytown Lad ..	6 D.	P. A. Kennedy, Cobram
Brae ..	A. D.	F. Wilson, Mepunga	Harley's Pride ..	5 D.	A. J. Froud, Sale
Brockleigh Prince ..	4 D.	S. J. Orton, Moe	Hector Lee ..	A. D.	J. S. Carlvon, Wahring
Bruce ..	5 D.	L. Collett, Carwarp	Hero's Lad ..	4 D.	W. C. Hodges, Macarthur
Bruiser ..	A. D.	D. Smith Bros., Nullawil	Highland Boy ..	5 D.	J. J. Carmody, Leongatha
Buonaparte ..	A. D.	W. J. Soutter, Benambra	Hill King ..	A. L.	A. E. Cummings, Berrimal
Burnside Crystal ..	4 D.	Wm. L. Williams, Lilliput	Hinkler ..	A. D.	H. Fisher, Yaapect
Byrondale ..	4 D.	Mrs. M. C. R. Bennett, Birchip	Holly Green ..	A. D.	Mrs. R. Fregon, Bainsdale
Campaspe Prince ..	6 D.	Geo. P. Starke, Kyneton	Honest Glen ..	A. L.	W. Elchler, Chillingollah
Cannie Shanter ..	5 P.	W. Ramsay, Winchelsea	Huonson II. ..	A. L.	W. Marke, Gargar East
Captain ..	5 D.	W. Walton, Windermere	Ideal Ambassador ..	A. D.	C. J. Liesfield, Rainbow
Captain Craig ..	4 D.	R. N. Ronalds, Birchip	Ideal Scotsman ..	A. D.	N. E. Miller, Yanac South
Captain Morn ..	3 D.	O. T. Jones, Manangatang	Ideal Supreme ..	5 D.	T. Parker, Pepper's Plains
Captain Reg ..	4 D.	H. Harrop, Mininera East	Ike ..	A. D.	Jas. Matthews, Capel's
Carmyle II. ..	4 D.	R. J. Piggott, Tyers			Crossing
Carnham Flash Baron ..	A. D.	T. A. Heard, Noradjuha	Ivo ..	5 D.	J. M. Carroll, Mudgegonga
Celestial Silver Stroke ..	4 D.	R. Holdsworth, jun., Boinka	Jack ..	A. D.	H. S. Hayes, Toolleen
Charlie ..	A. D.	J. T. Derring, South Wan-	Jerro Reccombold ..	3 D.	F. A. Baker, Jung
		garatta	Jerry ..	4 D.	H. Williamson, Whorouly
Chub McGregor ..	A. D.	E. Adamson, Barham,			East
		N.S.W.	John Henry ..	A. L.	Messrs. Raymond and Rankin,
Clan McKenzie ..	A. D.	J. Purdie, Wunghnu			St. Albans, Geelong
Clem Junior ..	A. P.	N. Cole, Camperdown	Jollie ..	A. D.	J. L. White, Mittyack
Clyde ..	5 D.	Geo. Thomson, Kilcunda	Kawarran Liston Craig ..	4 D.	V. O. Frost, Netherby
Comedy Boy ..	A. L.	J. A. McEachern, Nelson	Keayang ..	4 D.	Jas. Blain, Dixie
Condonie Eclipse ..	3 D.	Shaddock and Son, Boorongie	Kelm's Pride ..	4 D.	Hansen Bros., Pakenham
Count Douglas ..	A. D.	C. A. Lawrence, Apsley	Keiso Duke ..	5 D.	Melbourne and Metropolitan
Craigie Don ..	A. D.	C. Butcher, Chillingollah			Board of Works, Melbourne
Craigie Lad ..	6 D.	J. Mayberry, Warracknabeal	King Cole ..	4 D.	E. P. Quirk, jun., Woomelang
Craig Lea ..	4 D.	P. Kallady, Gellindale	Kingsford ..	4 D.	N. Clemens, Myrtleford
Craig Lion ..	A. D.	C. Ayres, Rosedale	Korongah Bold Eric ..	A. D.	W. R. Hines, Donald
Dandy ..	5 D.	E. Fawcett (Executor of J.),	Korongah Craig ..	3 D.	Effrett Bros., Boinka
		Chinkapook	Larrikan ..	A. P.	J. C. McDonald, Casterton
Dandy Bell ..	A. L.	H. Spree, Bacchus Marsh	Larry ..	A. D.	A. T. Erwin, Callawadda
Digger's Pride ..	4 D.	J. H. Rickard, Curyo	Lavareen Craig ..	4 D.	G. Fitzpatrick, Bradford
Dignity's Choice ..	5 D.	W. K. Collins, Lillimur	Lieutenant William ..	5 D.	Smith Bros., Echuca
Don ..	5 D.	A. R. Phillip, Bannerton	Linkwood Prince ..	A. D.	V. S. Holt, Kurraca West
Donald ..	5 D.	E. Hickey, Cocamba	Lock ..	6 D.	G. T. Croxford, Benalla
Donald ..	A. D.	Snart Bros., Gooramadda	Lord Allenby ..	A. D.	P. V. Tomamichel, Ultima
Donald Boy ..	4 D.	A. G. Pearse, Nyah West	Lord Dargo ..	A. D.	J. and D. Scott, Dargo
Donibristle II. ..	6 D.	W. J. Wilson, Millawa	Lord Kapuka ..	5 D.	F. McKew, Lowes L.B., St.
Double Chance ..	A. T.	McDonald Bros., Mortlake			Arnaud
Douglas ..	5 D.	J. A. McDonald, Gre Gre	Lord Roberts ..	6 D.	R. Wight, Woodside
		Central	Lord Silver ..	5 D.	Warne Bros., Culgoa
Douglas Credit ..	5 D.	J. R. Morrison, Terang	Lord Widgie ..	6 D.	W. H. Carlile, Granya
Drummer ..	A. D.	F. Bird, jun., Yarram	Lord Victor ..	6 D.	J. Montgomery, Millawa
Drummer Lad ..	4 D.	E. I. Wright, Tallangatta	Lost Time ..	A. D.	J. T. McNamara, Wilson's
		Valley			Creek, Omeo
Duke ..	3 D.	Frank Olcorn, Rutherglen	Lyndale Prince ..	5 D.	R. Stockdale, Koonwarra
Duke Douglas ..	4 D.	F. W. Kluge, Tarranyurk	Mackie's Pride ..	3 D.	A. T. Boyd, Wycheproof
Duke of Gloucester ..	5 D.	G. A. Plucke, Cramenton	Major ..	4 D.	V. Rupp, Nhili
Duke of Jennewar ..	4 D.	Thomas and Taylor, Moutajup	Major Laddie ..	A. D.	G. R. Stratton, Echuca
Duke of Kinarla ..	5 D.	Beacom Bros., Boyeo	Maori Chief ..	4 D.	J. M. Walton, St. Arnaud
Dunsmore ..	A. D.	J. J. Lawless, Burramine	Marshstyle ..	A. D.	Wm. Dalrymple, Dingee
		South	Master Dale Bellmond ..	A. D.	A. C. Bell, Walpeup
Dunure Viceroy ..	3 D.	T. G. Hounsell, Jeparit	Master Napoleon ..	6 D.	J. Houlihan, Eppalock
Earl George ..	4 D.	J. Irvine and Sons, Bena	Master Viceroy ..	4 D.	E. and A. Roll, Rainbow
Economist (late Inverloch	A. D.	Parker Bros., Quambatook	Maxmay ..	A. D.	D. S. Stewart, Speewa
Laddie) ..			Melrock Dalmore ..	A. D.	J. Wallsgott and Sons, Beulah
Electric Bound ..	4 L.	C. E. Farley, Rosedale	Mercury ..	5 T.	O. B. Brown, Cope Cope

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STALLION REGISTER 1937-38—continued.

Name.	Age* and Class.	Owner and Address.	Name.	Age* and Class.	Owner and Address.
Monte Again ..	6 D.	O. B. H. Huebner, Sheep Hills	Royal Park ..	4 D.	Opray Bros., Nerrena East
Myall Punch ..	A. D.	R. B. Metherall, Sea Lake	Royal Ranger ..	4 L.	D. Trigger, Mount Eccles
Naldera Footprint ..	3 D.	Mrs. S. E. Kent, Sheep Hills	Royal Sovereign ..	5 D.	R. J. Nesbitt, Springhurst
New King ..	4 D.	A. M. Hamence, Lake Cullulleraine	Sailor ..	A. D.	A. G. Turnbull, Coleraine
Newton ..	A. D.	Chas. Savage, Cobden	Sam ..	A. D.	A. G. Turnbull, Coleraine
Noble ..	6 D.	E. Crowe, Tatong	Sam Mac ..	5 D.	S. Clark, Bundalaguah
Nonpareil ..	A. T.	R. M. Metherall, Tempy	Sandy McNab ..	5 D.	S. German, Yaapect
Normason ..	A. L.	N. M. Swanson, Donald	Scotch Pride ..	4 D.	J. M. Shelton, Kurra West
Northern Star ..	5 D.	C. F. Dodds, Karawinna	Scotland's Duke ..	A. D.	H. F. Quick, Brim
North Star ..	3 D.	R. May, Won Wron	Scotland's Plaid ..	6 D.	A. Krafte, Kewell North
Norwood Prince ..	4 D.	C. H. Roediger, Lorquon	Scotland's Pride ..	6 D.	C. Edgecumbe, Nyarrin
Ondit ..	A. D.	Executors of the Estate of the late N. Thornley, Hawkesdale	Scottie ..	4 D.	M. McGillivray, Bald Rock
Panacea Lad ..	6 D.	J. Hickey, Timor West	Scottish Boy ..	4 D.	H. C. Vincent, Myrtleford
Parkfield Lad ..	4 D.	F. McLinden, Salisbury West	Scottish Major ..	5 D.	R. W. S. Elder, Jeruk
Patrician Prince ..	A. D.	J. Cullen, Mortlake	Scottish Master ..	6 D.	R. P. Nicol, Yarram
Pete ..	A. P.	J. Knight, Goornong	Scotty ..	A. D.	C. Quick, Brim
Peter ..	5 D.	J. W. Robinson, Clunes	Scotty's Crown ..	5 D.	M. R. Stevenson, Tallangatta
Peter Pan ..	5 D.	R. H. Doran, Watchupga	Silver ..	5 L.	H. B. and F. A. Birch, Tabberabbera
Pettadale's Pride ..	A. D.	D. Green, jun., Nullawit	Sir Michael ..	A. D.	E. Lewis, Tatong
Pine Vale Ron ..	6 D.	R. C. Halden, Yielima	Sir William ..	5 D.	W. A. Wilkinson, Chillingollah East
Pine Vale Superior ..	4 D.	P. J. Johnson, Benalla	Sordino ..	A. T.	L. Matthews, Benambra
Pocket Ben ..	3 P.	A. L. Benney, Boorhaman	Springdale Prince ..	4 D.	E. H. Pendlebury, Lah
Premier Royal ..	A. D.	E. M. Neyland, Wood Wood	Stormbird ..	3 P.	J. A. Shandley, Modella
Pride of Flashbaron ..	4 D.	G. Kellett, Woodend	Sunnyland's Crystal ..	5 D.	Evans Bros., Moyhu
Pride of Rosebank ..	6 D.	C. W. Koch, Casterton	Sunnyside Favour ..	4 D.	S. F. Johns, Cowangie
Pride of the Hills ..	6 D.	J. F. Edebouls, Narre Warren	Sunset Trail ..	A. T.	Manager Yarraberb Estate, Raywood
Pride of Woomelang ..	6 D.	J. A. Kelly, Woomelang	Tess's Son ..	4 L.	S. A. Greaves, Narre Warren
Prince ..	3 D.	R. H. Estoppey, Briagalong	The Gaffer (late Spear Arrow) ..	A. L.	G. Phelan, Corop
Prince ..	5 D.	W. Cameron, Lascelles	The Major ..	A. P.	L. C. Mortimer, Leneva
Prince ..	A. D.	M. Findlay, Mincha	The Tiger ..	A. D.	J. Edelsten, Yaapect
Prince ..	6 D.	A. H. Fawson, Bairnsdale	Tiger ..	A. D.	Executors of the Estate of the late J. L. Morrison, Boinka
Prince Arthur ..	3 D.	A. A. McErvale, Manangatang	Tim ..	A. D.	J. Colbert, jun., Broughton
Prince Garvin ..	6 D.	G. Hunter, Wurd Bolac	Top Gallant ..	A. D.	Allan Bros., Thalla
Prince Herod ..	6 D.	H. C. Walker, Natya	True Dale ..	4 D.	T. J. Lynch, Bullarto
Prince Imperial ..	A. D.	A. McNee, Nandaly	Vague ..	3 D.	F. V. March, Werrimull
Prince Lebbeus ..	5 D.	R. J. Morden, Nathalia	Victoria Highlight ..	A. D.	F. and H. Griffiths, Balliang East
Prince Raven ..	A. D.	A. McGarry, Nyarrin	Victoria Masterpiece ..	6 D.	N. K. Croxford, Warrenbayne
Prince's Prize ..	A. D.	Moran Bros., Bullaharrie	Waldara's King Knight ..	A. D.	Boyd Bros., Koroit
Prix's Derby ..	3 L.	J. Braybon, Cohuna	Wallace Dale ..	6 D.	E. J. Raymond, Rawnack
Punch ..	A. D.	J. Sansom, Bayles	Waironga Royal ..	5 D.	A. Fletcher, Watchupga
Punch ..	A. D.	W. Earl, Woodside	Warrangee ..	6 D.	C. A. Jolly, Woomelang
Punch ..	A. L.	A. Churchill, Kilcunda	Warrangee Oswald ..	6 D.	Geo. Lord, Eskdale
Pyjamas ..	3 P.	Boyd Bros., Koroit	White Flash ..	A. P.	H. Buxton, Stradbroke
Quality Swell ..	A. D.	C. R. Taylor, Allansford	Widgee ..	3 D.	J. A. Cresp, Boinka
Radiant Crown ..	A. D.	A. F. Kruger, Rainbow	Widgieva Agitation ..	6 D.	Mrs. M. Davis, Ultima
Rising Dawn ..	4 D.	T. J. Miners, Sea Lake	Widgieva Alverton ..	A. D.	J. O'Leary, Glenormiston South
Robin ..	6 D.	A. Scroggie, Terang	Widgieva Lad ..	3 D.	O. Johnson, Pinnaroo, S.A.
Robin ..	6 D.	H. L. Treasure, Stratford	Woodfield Dale Supreme ..	3 D.	T. W. and D. J. Major, McMillans
Robin ..	A. L.	A. Kerr, Ballarat	Worawingeth Allenby ..	3 D.	W. T. Rowe, Wallinduc
Robin ..	A. D.	E. A. Drendel, Ouyen	Wunnamurra Tally ..	A. D.	H. E. Powell, Aregra
Robin Lea ..	4 D.	J. and W. Bradshaw, Skipton	Yangery Prince ..	A. D.	A. Skilbeck, Southern Cross
Rob Roy ..	A. P.	Miss E. A. Small, Hawthorn	Yanakie ..	A. L.	A. C. Hellisen, Yanakie
Roudy ..	A. D.	R. White, Elmore	Yarraman ..	6 D.	L. G. Williams, Nyah
Rover ..	A. D.	B. Evans, Strathcona	Young Harold ..	A. P.	W. J. Newton, Lower Cape Bridgewater
Royal Charly ..	6 D.	R. C. Spence, Macorna	Young Lockland ..	3 D.	C. C. Jenkins, Hopetoun
Royal Coast Guard ..	A. D.	A. J. Miller, Hopevale	Young Toby ..	A. D.	W. J. Newton, Lower Cape, Bridgewater
Royal Hero ..	A. D.	Mrs. P. E. Etherton, Broughton			
Royal King ..	5 D.	W. A. Jones, Dumosa			
Royal King ..	A. D.	D. Gorman, Crossley			
Royal Mattie ..	4 D.	J. Kelson, Kirkstall			
Royal Nugget ..	A. D.	T. H. McClelland, Beallba			

* Note.—Age in years. A., aged; D., draught; L., light; P., pony T., thoroughbred.



Stallion Parades

Time Table, 1938

Provided that the applications for registration received indicate that one horse or more will be in attendance there for examination, a parade will be held at each of the following places.

Horses submitted for examination must have had such training that the Examining Veterinary Officer may with safety handle their legs; further, the legs of every animal should be in a thoroughly clean condition.

No. and Date.	Parade.	Time.	Officer Arrives.	Officer Departs.
Every Saturday from July 2 to December 17	Police Depot Stables, corner of St. Kilda-road and Grant- street, South Melbourne	10 a.m.		
No. 1.				
Tuesday, July 5 ..	Tarranyurk Railway Station ..	9 a.m. ..	Driving ..	Driving
Tuesday, July 5 ..	Jeparit Show Grounds ..	10 a.m. ..	Driving ..	Driving
Tuesday, July 5 ..	Lorquon Railway Station ..	12 noon ..	Driving ..	Driving
Tuesday, July 5 ..	Netherby Railway Station ..	1 p.m. ..	Driving ..	Driving
Tuesday, July 5 ..	Yanac Railway Station ..	3 p.m. ..	Driving ..	Driving
Tuesday, July 5 ..	Broughton ..	4 p.m. ..	Driving ..	Driving
Wednesday, July 6 ..	Kaniva, Commercial Hotel ..	9 a.m. ..	Driving ..	Driving
Wednesday, July 6 ..	Miram, on Western Highway ..	11.30 a.m. ..	Driving ..	Driving
Wednesday, July 6 ..	Tarranginnie, on Western Highway	12 noon ..	Driving ..	Driving
Wednesday, July 6 ..	Nhill Show Grounds ..	2 p.m. ..	Driving ..	Driving
Wednesday, July 6 ..	Salisbury ..	3.30 p.m. ..	Driving ..	Driving
Wednesday, July 6 ..	Gerang Gerung Railway Station ..	4.30 p.m. ..	Driving ..	Driving
Thursday, July 7 ..	Dimboola Show Grounds ..	9 a.m. ..	Driving ..	12.50 p.m.
No. 2.				
Tuesday, July 5 ..	Natimuk Railway Station ..	10 a.m. ..	5.5 p.m. (4th) ..	11.20 a.m.
Tuesday, July 5 ..	Gymbowen Railway Station ..	1 p.m. ..	1 p.m. ..	Driving
Tuesday, July 5 ..	Goroke Hotel ..	1.30 p.m. ..	Driving ..	Driving
Tuesday, July 5 ..	Boorookpi Post Office ..	2.30 p.m. ..	Driving ..	Driving
Wednesday, July 6 ..	Horsham, Young Bros.' Sale Yards	8 a.m. ..	8.30 p.m. (5th) ..	1.38 p.m.
Wednesday, July 6 ..	Glenorchy Railway Station ..	2.53 p.m. ..	2.53 p.m. ..	Driving
Wednesday, July 6 ..	Stawell, L. Dalziel's Stables ..	4 p.m. ..	Driving ..	8.20 p.m.
Thursday, July 7 ..	Ararat Railway Station ..	9.30 a.m. ..	9.25 p.m. (6th) ..	10.15 a.m.
Thursday, July 7 ..	Bacchus Marsh, Border Inn Hotel	1.30 p.m. ..	1.6 p.m. ..	Driving
Thursday, July 7 ..	Melton Railway Station ..	2.30 p.m. ..	Driving ..	Driving
Friday, July 8 ..	Wallace Railway Station ..	10.36 a.m. ..	10.36 a.m. ..	Driving
Friday, July 8 ..	Ballan Railway Station ..	11.30 a.m. ..	Driving ..	12.40 p.m.
No. 3.				
Monday, July 4 ..	Koroit, Koroit Hotel ..	9.30 a.m. ..	Driving ..	Driving
Monday, July 4 ..	Hawkesdale Hotel ..	11 a.m. ..	Driving ..	Driving
Monday, July 4 ..	Penshurst Police Station ..	12.30 p.m. ..	Driving ..	Driving
Monday, July 4 ..	Hamilton Police Station ..	2.30 p.m. ..	Driving ..	Driving
Monday, July 4 ..	Cavendish Hotel ..	4 p.m. ..	Driving ..	Driving
Tuesday, July 5 ..	Balmoral Hotel ..	9 a.m. ..	Driving ..	Driving
Tuesday, July 5 ..	Harrow, Hermitage Hotel ..	10 a.m. ..	Driving ..	Driving
Tuesday, July 5 ..	Edenhope Sale Yards ..	11.30 a.m. ..	Driving ..	Driving
Tuesday, July 5 ..	Apsley Post Office ..	12.30 p.m. ..	Driving ..	Driving
Tuesday, July 5 ..	Coleraine, Coleraine Hotel ..	3.30 p.m. ..	Driving ..	Driving
Wednesday, July 6 ..	Casterton, Albion Hotel ..	9 a.m. ..	Driving ..	Driving
Wednesday, July 6 ..	Merino, Commercial Hotel ..	10.30 a.m. ..	Driving ..	Driving
Wednesday, July 6 ..	Bransholme Railway Station ..	12 noon ..	Driving ..	Driving
Wednesday, July 6 ..	Macarthur Post Office ..	1.30 p.m. ..	Driving ..	Driving
Wednesday, July 6 ..	Condah Hotel ..	2.30 p.m. ..	Driving ..	Driving
Wednesday, July 6 ..	Heywood Railway Station ..	4 p.m. ..	Driving ..	Driving
Thursday, July 7 ..	Portland Post Office ..	9 a.m. ..	Driving ..	Driving
Thursday, July 7 ..	Tyrendarra East Post Office ..	10.30 a.m. ..	Driving ..	Driving
Thursday, July 7 ..	Yambuk Post Office ..	11.15 a.m. ..	Driving ..	Driving
Thursday, July 7 ..	Port Fairy, Star of the West Hotel	12.30 p.m. ..	Driving ..	Driving
Thursday, July 7 ..	Warrnambool Police Station ..	2 p.m. ..	Driving ..	Driving

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STALLION PARADES, TIME TABLE—*continued.*

No. and Date.	Parade.	Time.	Officer Arrives.	Officer Departs.
No. 4.				
Monday, July 4	Devenish Railway Station	9 a.m.	Driving	Driving
Monday, July 4	Tungamah Railway Station	10 a.m.	Driving	Driving
Monday, July 4	Yarrowonga Railway Station	11 a.m.	Driving	Driving
Monday, July 4	Bundalong	12 noon	Driving	Driving
Monday, July 4	Rutherglen Show Grounds	12.30 p.m.	Driving	Driving
Monday, July 4	Wahgunyah Railway Station	2 p.m.	Driving	Driving
Monday, July 4	Springhurst Railway Station	3.30 p.m.	Driving	Driving
Monday, July 4	Chiltern Railway Station	4 p.m.	Driving	Driving
Monday, July 4	Barnawartha Railway Station	4.30 p.m.	Driving	Driving
Tuesday, July 5	Wodonga Railway Station	9 a.m.	Driving	Driving
Tuesday, July 5	Huon Railway Station	10 a.m.	Driving	Driving
Tuesday, July 5	Eskdale Hotel	11.30 a.m.	Driving	Driving
Tuesday, July 5	Tallangatta Railway Station	2 p.m.	Driving	Driving
Tuesday, July 5	Cudgewa Hotel	4.30 p.m.	Driving	Driving
Wednesday, July 6	Corryong, Court House Hotel	9 a.m.	Driving	Driving
Wednesday, July 6	Towong Post Office	9.45 a.m.	Driving	Driving
Wednesday, July 6	Tintaldra Hotel	10.15 a.m.	Driving	Driving
Wednesday, July 6	Walwa Hotel	11 a.m.	Driving	Driving
Wednesday, July 6	Burrowye Homestead Gate	11.45 a.m.	Driving	Driving
Wednesday, July 6	Granya Hotel	12.15 p.m.	Driving	Driving
Wednesday, July 6	Yackandandah, Y'dandah Hotel	2.15 p.m.	Driving	Driving
Wednesday, July 6	Beechworth, Tanswell's Hotel	3.15 p.m.	Driving	Driving
Thursday, July 7	Bright, Star Hotel	9 a.m.	Driving	Driving
Thursday, July 7	Myrtleford Railway Station	10 a.m.	Driving	Driving
Thursday, July 7	Whorouly Hotel	11 a.m.	Driving	Driving
Thursday, July 7	Milawa	11.45 a.m.	Driving	Driving
Thursday, July 7	Oxley Railway Station	12.15 p.m.	Driving	Driving
Thursday, July 7	Moyhu Railway Station	12.45 p.m.	Driving	Driving
Thursday, July 7	Wangaratta Show Grounds	2.30 p.m.	Driving	Driving
Friday, July 8	Benalla Railway Station	10 a.m.	Driving	Driving
No. 5.				
Monday, July 4	Maryborough Railway Station	2 p.m.	12.25 p.m.	11.32 p.m.
Monday, July 4	Avoca Railway Station	4 p.m.	Driving	Driving
Tuesday, July 5	Mildura Railway Station	8.30 a.m.	7.10 a.m.	Driving
Tuesday, July 5	Redcliffs Railway Station	9.15 a.m.	Driving	Driving
Tuesday, July 5	Carwarp Railway Station	10 a.m.	Driving	Driving
Tuesday, July 5	Nowingi Railway Station	10.30 a.m.	Driving	Driving
Tuesday, July 5	Hattah Road Junction	11.30 a.m.	Driving	Driving
Tuesday, July 5	Trinita Railway Station	12 noon	Driving	Driving
Tuesday, July 5	Kiamal Railway Station	12.15 p.m.	Driving	Driving
Tuesday, July 5	Ouyen Show Grounds	1.30 p.m.	Driving	Driving
Tuesday, July 5	Galah Railway Station	3.15 p.m.	Driving	Driving
Tuesday, July 5	Walpeup Railway Station	4 p.m.	Driving	Driving
Wednesday, July 6	Torrita Railway Station	9 a.m.	Driving	Driving
Wednesday, July 6	Underbool Railway Station	9.30 a.m.	Driving	Driving
Wednesday, July 6	Linga Railway Station	10.15 a.m.	Driving	Driving
Wednesday, July 6	Boinka Railway Station	11 a.m.	Driving	Driving
Wednesday, July 6	Tutye Railway Station	11.45 a.m.	Driving	Driving
Wednesday, July 6	Cowangie Railway Station	12.15 p.m.	Driving	Driving
Wednesday, July 6	Danyo Railway Station	1.15 p.m.	Driving	Driving
Wednesday, July 6	Murrayville Railway Station	2 p.m.	Driving	Driving
Wednesday, July 6	Carina Railway Station	2.45 p.m.	Driving	Driving
Wednesday, July 6	Panitya Railway Station	4 p.m.	Driving	Driving
Thursday, July 7	Morkalla Railway Station	11.30 a.m.	Driving	Driving
Thursday, July 7	Meringur Railway Station	12.30 p.m.	Driving	Driving
Thursday, July 7	Bambill Railway Station	1.15 p.m.	Driving	Driving
Thursday, July 7	Werrimull Railway Station	2 p.m.	Driving	Driving
Thursday, July 7	Karawinna Railway Station	3.30 p.m.	Driving	Driving
Thursday, July 7	Merrinee Railway Station	3.45 p.m.	Driving	Driving
Thursday, July 7	Murray Valley-road and Merrinee-road Junction	4 p.m.	Driving	Driving
Thursday, July 7	Murray Valley-road and Pirlta-road Junction	4.30 p.m.	Driving	Driving
Thursday, July 7	Murray Valley-road and Benetook-road Junction	5 p.m.	Driving	Driving

STALLION PARADES, TIME TABLE—continued.

No. and Date.	Parade.	Time.	Officer Arrives.	Officer Departs.
No. 6.				
Monday, July 11 ..	Baddaginnie Railway Station ..	9.15 a.m. ..	Driving ..	Driving ..
Monday, July 11 ..	Violet Town Railway Station ..	9.30 a.m. ..	Driving ..	Driving ..
Monday, July 11 ..	Euroa Railway Station ..	10 a.m. ..	Driving ..	Driving ..
Monday, July 11 ..	Longwood Railway Station ..	11.15 a.m. ..	Driving ..	Driving ..
Monday, July 11 ..	Avenel Hotel ..	11.45 a.m. ..	Driving ..	Driving ..
Monday, July 11 ..	Seymour Railway Station ..	12 noon ..	Driving ..	Driving ..
Monday, July 11 ..	Nagambie, Hill and Co.'s Sale Yards ..	1.30 p.m. ..	Driving ..	Driving ..
Monday, July 11 ..	Murchison East Railway Station ..	2.30 p.m. ..	Driving ..	Driving ..
Monday, July 11 ..	Rushworth Railway Station ..	4 p.m. ..	Driving ..	Driving ..
Monday, July 11 ..	Colbinabbin, Hotel ..	4.30 p.m. ..	Driving ..	Driving ..
Tuesday, July 12 ..	Stanhope Railway Station ..	9.30 a.m. ..	Driving ..	Driving ..
Tuesday, July 12 ..	Girgarre Railway Station ..	10.15 a.m. ..	Driving ..	Driving ..
Tuesday, July 12 ..	Tongala Hotel ..	11 a.m. ..	Driving ..	Driving ..
Tuesday, July 12 ..	Kyabram Railway Station ..	12 noon ..	Driving ..	Driving ..
Tuesday, July 12 ..	Merrigum Railway Station ..	1.30 p.m. ..	Driving ..	Driving ..
Tuesday, July 12 ..	Tatura Show Grounds ..	3 p.m. ..	Driving ..	Driving ..
Wednesday, July 13 ..	Shepparton Show Grounds ..	9 a.m. ..	Driving ..	Driving ..
Wednesday, July 13 ..	Congupna road Railway Station ..	10 a.m. ..	Driving ..	Driving ..
Wednesday, July 13 ..	Numurkah, Shamrock Hotel ..	11 a.m. ..	Driving ..	Driving ..
Wednesday, July 13 ..	Waiaia Railway Station ..	1 p.m. ..	Driving ..	Driving ..
Wednesday, July 13 ..	Nathalia Railway Station ..	2 p.m. ..	Driving ..	Driving ..
Wednesday, July 13 ..	Picola Railway Station ..	3.15 p.m. ..	Driving ..	Driving ..
Wednesday, July 13 ..	Strathmerton Railway Station ..	4.15 p.m. ..	Driving ..	Driving ..
Thursday, July 14 ..	Cobram Railway Station ..	9 a.m. ..	Driving ..	Driving ..
Thursday, July 14 ..	Katamatite Railway Station ..	10.30 a.m. ..	Driving ..	Driving ..
Thursday, July 14 ..	Yabba North Railway Station ..	11 a.m. ..	Driving ..	Driving ..
Thursday, July 14 ..	Dookie Hotel ..	12 noon ..	Driving ..	Driving ..
Thursday, July 14 ..	Pine Lodge Methodist Church ..	1.30 p.m. ..	Driving ..	Driving ..
Friday, July 15 ..	Mansfield, Delatite Hotel ..	10 a.m. ..	Driving ..	Driving ..
Friday, July 15 ..	Bonnie Doon Railway Station ..	11 a.m. ..	Driving ..	Driving ..
Friday, July 15 ..	Merton Railway Station ..	11.30 a.m. ..	Driving ..	Driving ..
Friday, July 15 ..	Yarck Railway Station ..	12 noon ..	Driving ..	Driving ..
Friday, July 15 ..	Alexandra Police Station ..	1.30 p.m. ..	Driving ..	Driving ..
Friday, July 15 ..	Molesworth Railway Station ..	2.30 p.m. ..	Driving ..	Driving ..
Friday, July 15 ..	Yea Railway Station ..	3 p.m. ..	Driving ..	Driving ..
No. 7.				
Monday, July 11 ..	Allansford Hotel ..	9.30 a.m. ..	Driving ..	Driving ..
Monday, July 11 ..	Panmure Hotel ..	10 a.m. ..	Driving ..	Driving ..
Monday, July 11 ..	Terang, Dalgety's Yards ..	10.30 a.m. ..	Driving ..	Driving ..
Monday, July 11 ..	Noorat Hotel ..	11 a.m. ..	Driving ..	Driving ..
Monday, July 11 ..	Timboon Hotel ..	1 p.m. ..	Driving ..	Driving ..
Monday, July 11 ..	Cobden Police Station ..	2 p.m. ..	Driving ..	Driving ..
Monday, July 11 ..	Camperdown, Dalgety's Yards ..	2.30 p.m. ..	Driving ..	Driving ..
Monday, July 11 ..	Pomborneit North, Post Office ..	3 p.m. ..	Driving ..	Driving ..
Monday, July 11 ..	Pirron Yallock, Blacksmith's Shop ..	3.30 p.m. ..	Driving ..	Driving ..
Tuesday, July 12 ..	Warnecoort Railway Station ..	9 a.m. ..	Driving ..	Driving ..
Tuesday, July 12 ..	Birregurra Railway Station ..	9.30 a.m. ..	Driving ..	Driving ..
Tuesday, July 12 ..	Winchelsea Railway Station ..	10.15 a.m. ..	Driving ..	Driving ..
Tuesday, July 12 ..	Colac, Johnstone's Yards ..	11.30 a.m. ..	Driving ..	Driving ..
Tuesday, July 12 ..	Beac Post Office ..	1.30 p.m. ..	Driving ..	Driving ..
Tuesday, July 12 ..	Cressy, Frenchman's Inn ..	2.30 p.m. ..	Driving ..	Driving ..
Tuesday, July 12 ..	Lismore Hotel ..	4 p.m. ..	Driving ..	Driving ..
Wednesday, July 13 ..	Derrinallum Post Office ..	9.30 a.m. ..	Driving ..	Driving ..
Wednesday, July 13 ..	Vite Vite Railway Station ..	10 a.m. ..	Driving ..	Driving ..
Wednesday, July 13 ..	Westmere Railway Station ..	12 noon ..	Driving ..	Driving ..
Wednesday, July 13 ..	Tatooon Railway Station ..	2 p.m. ..	Driving ..	Driving ..
Wednesday, July 13 ..	Maroona Hotel ..	3 p.m. ..	Driving ..	Driving ..
Wednesday, July 13 ..	Willaura Railway Station ..	4 p.m. ..	Driving ..	Driving ..
Thursday, July 14 ..	Glenthompson Railway Station ..	9.30 a.m. ..	Driving ..	Driving ..
Thursday, July 14 ..	Wickliffe Post Office ..	10.30 a.m. ..	Driving ..	Driving ..
Thursday, July 14 ..	Lake Bolac, Hotel ..	11 a.m. ..	Driving ..	Driving ..
Thursday, July 14 ..	Woorndoo Post Office ..	12 noon ..	Driving ..	Driving ..
Thursday, July 14 ..	Mortlake, Mt. Shadwell Hotel ..	1.30 p.m. ..	Driving ..	Driving ..
Thursday, July 14 ..	Hexham Post Office ..	2.30 p.m. ..	Driving ..	Driving ..
Thursday, July 14 ..	Woolthorpe Post Office ..	4 p.m. ..	Driving ..	Driving ..

STALLION PARADES, TIME TABLE—*continued.*

No. and Date.	Parade.	Time.	Officer Arrives.	Officer Departs.
No. 8.				
Monday, July 11 ..	Goornong Railway Station ..	9.30 a.m. ..	Driving ..	Driving ..
Monday, July 11 ..	Elmore, Railway Hotel ..	10.30 a.m. ..	Driving ..	Driving ..
Monday, July 11 ..	Echuca Railway Station ..	2 p.m. ..	Driving ..	Driving ..
Monday, July 11 ..	Rochester Show Grounds ..	3.30 p.m. ..	Driving ..	Driving ..
Tuesday, July 12 ..	Lockington Railway Station ..	9.30 a.m. ..	Driving ..	Driving ..
Tuesday, July 12 ..	Gunbower Hotel ..	11 a.m. ..	Driving ..	Driving ..
Tuesday, July 12 ..	Leitchville Hotel ..	11.30 a.m. ..	Driving ..	Driving ..
Tuesday, July 12 ..	Cohuna Show Grounds ..	1.30 p.m. ..	Driving ..	Driving ..
Tuesday, July 12 ..	Pyramid, Victoria Hotel ..	3 p.m. ..	Driving ..	Driving ..
Tuesday, July 12 ..	Durham Ox ..	4.30 p.m. ..	Driving ..	Driving ..
Tuesday, July 12 ..	Boort Railway Station ..	10 a.m. ..	Driving ..	Driving ..
Wednesday, July 13 ..	Barraport Railway Station ..	11 a.m. ..	Driving ..	Driving ..
Wednesday, July 13 ..	Gredgwin Railway Station ..	12 noon ..	Driving ..	Driving ..
Wednesday, July 13 ..	Quambatook Hotel ..	2 p.m. ..	Driving ..	Driving ..
Thursday, July 14 ..	Mysia Railway Station ..	9.30 a.m. ..	Driving ..	Driving ..
Thursday, July 14 ..	Jarklan, Hotel ..	10.30 a.m. ..	Driving ..	Driving ..
Thursday, July 14 ..	Mitiamo Railway Station ..	12 noon ..	Driving ..	Driving ..
Thursday, July 14 ..	Dingee Railway Station ..	2 p.m. ..	Driving ..	Driving ..
Thursday, July 14 ..	Tandarra Railway Station ..	2.30 p.m. ..	Driving ..	Driving ..
Thursday, July 14 ..	Raywood Railway Station ..	3.30 p.m. ..	Driving ..	Driving ..
No. 9.				
Monday, July 11 ..	Murtoa Railway Station ..	3.9 p.m. ..	3.9 p.m. ..	Driving ..
Tuesday, July 12 ..	Marnoo Railway Station ..	10 a.m. ..	Driving ..	Driving ..
Tuesday, July 12 ..	Rupanyup Railway Station ..	12 noon ..	Driving ..	Driving ..
Tuesday, July 12 ..	Minyip, Club Hotel ..	2 p.m. ..	Driving ..	4.9 p.m. ..
Wednesday, July 13 ..	Hopetoun Show Grounds ..	9 a.m. ..	8 p.m. (12th) ..	Driving ..
Wednesday, July 13 ..	Yaapeet Railway Station ..	12 noon ..	Driving ..	Driving ..
Wednesday, July 13 ..	Rainbow, Commonwealth Hotel ..	1 p.m. ..	Driving ..	Driving ..
Wednesday, July 13 ..	Kenmare ..	4 p.m. ..	Driving ..	Driving ..
Thursday, July 14 ..	Beulah Show Grounds ..	9 a.m. ..	Driving ..	Driving ..
Thursday, July 14 ..	Brim Railway Station ..	11 a.m. ..	Driving ..	Driving ..
Thursday, July 14 ..	Warracknabeal, Commercial Hotel ..	2 p.m. ..	Driving ..	4 p.m. ..
No. 10.				
Monday, July 11 ..	St. Arnaud Show Grounds ..	2.15 p.m. ..	2.6 p.m. ..	Driving ..
Monday, July 11 ..	Cope Cope Railway Station ..	4.30 p.m. ..	Driving ..	Driving ..
Tuesday, July 12 ..	Donald Show Grounds ..	9 a.m. ..	Driving ..	Driving ..
Tuesday, July 12 ..	Watchem Hotel ..	12 noon ..	Driving ..	Driving ..
Tuesday, July 12 ..	Birchip, Young and Taylor's Yards ..	2.30 p.m. ..	Driving ..	Driving ..
Tuesday, July 12 ..	Curyo Railway Station ..	4.30 p.m. ..	Driving ..	Driving ..
Tuesday, July 12 ..	Woomelang Commercial Hotel ..	9 a.m. ..	Driving ..	Driving ..
Wednesday, July 13 ..	Lascelles Railway Station ..	11 a.m. ..	Driving ..	Driving ..
Wednesday, July 13 ..	Speed Railway Station ..	1 p.m. ..	Driving ..	Driving ..
Wednesday, July 13 ..	Patchewollock Railway Station ..	3 p.m. ..	Driving ..	Driving ..
No. 11.				
Monday, July 18 ..	Royal Show Grounds ..	10 a.m. ..		
Tuesday, July 19 ..	Royal Show Grounds ..	9 a.m. ..		
Thursday, July 21 ..	Sunbury Railway Station ..	9 a.m. ..	9 a.m. ..	9.35 a.m. ..
Thursday, July 21 ..	Kilmore Royal Oak Hotel ..	9 a.m. ..	8.53 a.m. ..	Driving ..
Thursday, July 21 ..	Mernda Railway Station ..	10.17 a.m. ..	10.17 a.m. ..	11.2 a.m. ..
Thursday, July 21 ..	Frankston Railway Station ..	2.56 p.m. ..	2.56 p.m. ..	3.12 p.m. ..
Thursday, July 21 ..	Geelong, Myers-street, Saleyards ..	9.30 a.m. ..	9.17 a.m. ..	Driving ..
Thursday, July 21 ..	Bannockburn Railway Station ..	11 a.m. ..	Driving ..	Driving ..
Thursday, July 21 ..	Inverleigh, Inverleigh Hotel ..	12 noon ..	Driving ..	Driving ..
Thursday, July 21 ..	Lara Railway Station ..	1.51 p.m. ..	1.51 p.m. ..	3.50 p.m. ..
Friday, July 22 ..	Cranbourne Railway Station ..	9 a.m. ..	8.45 a.m. ..	10.5 a.m. ..
Friday, July 22 ..	Dandenong Railway Station ..	11 a.m. ..	10.20 a.m. ..	11.33 a.m. ..
Friday, July 22 ..	Yarra Glen, Grand Hotel ..	10 a.m. ..	9.49 a.m. ..	11.25 a.m. ..
Friday, July 22 ..	Lilydale Railway Station ..	11.52 a.m. ..	11.52 a.m. ..	3.1 p.m. ..
Friday, July 22 ..	Werribee Railway Station ..	10.15 a.m. ..	Driving ..	Driving ..

STALLION PARADES, TIME TABLE—continued.

No. and Date.	Parade.	Time.	Officer Arrives.	Officer Departs.
No. 12.				
Monday, July 25 ..	Mystic Park Railway Station ..	3.11 p.m. ..	3.11 p.m. ..	Driving
Monday, July 25 ..	Lake Boga Railway Station ..	3.45 p.m. ..	Driving ..	Driving
Monday, July 25 ..	Swan Hill Show Grounds ..	4.15 p.m. ..	Driving ..	Driving
Tuesday, July 26 ..	Nyah West Railway Station ..	9 a.m. ..	Driving ..	Driving
Tuesday, July 26 ..	Piangil Railway Station ..	10 a.m. ..	Driving ..	Driving
Tuesday, July 26 ..	Kooloonong Railway Station ..	11.15 a.m. ..	Driving ..	Driving
Tuesday, July 26 ..	Yungera Railway Station ..	11.45 a.m. ..	Driving ..	Driving
Tuesday, July 26 ..	Bannerton Railway Station ..	12.30 p.m. ..	Driving ..	Driving
Tuesday, July 26 ..	Margooya Railway Station ..	1 p.m. ..	Driving ..	Driving
Tuesday, July 26 ..	Annuello Railway Station ..	2 p.m. ..	Driving ..	Driving
Tuesday, July 26 ..	Koimbo Railway Station ..	2.45 p.m. ..	Driving ..	Driving
Tuesday, July 26 ..	Bolton Railway Station ..	3.15 p.m. ..	Driving ..	Driving
Tuesday, July 26 ..	Manangatang Railway Station ..	4 p.m. ..	Driving ..	Driving
Wednesday, July 27 ..	Cocamba Railway Station ..	9.30 a.m. ..	Driving ..	Driving
Wednesday, July 27 ..	Chinapook Railway Station ..	10 a.m. ..	Driving ..	Driving
Wednesday, July 27 ..	Chillingollah Railway Station ..	11 a.m. ..	Driving ..	Driving
Wednesday, July 27 ..	Waitechie Railway Station ..	12 noon ..	Driving ..	Driving
Wednesday, July 27 ..	Gowanford Railway Station ..	12.30 p.m. ..	Driving ..	Driving
Wednesday, July 27 ..	Ultima Railway Station ..	2 p.m. ..	Driving ..	Driving
Wednesday, July 27 ..	Lalbert Railway Station ..	3 p.m. ..	Driving ..	Driving
Wednesday, July 27 ..	Goschen Hall ..	4 p.m. ..	Driving ..	Driving
Thursday, July 28 ..	Koondrook Hotel ..	10 a.m. ..	Driving ..	Driving
Thursday, July 28 ..	Kerang, Kerang Hotel ..	11.30 a.m. ..	Driving ..	3.23 p.m.
No. 13.				
Monday, July 25 ..	Daylesford, Commercial Hotel ..	12 noon ..	11.5 a.m. ..	2 p.m.
Monday, July 25 ..	Kingston Hotel ..	3.58 p.m. ..	3.58 p.m. ..	Driving
Monday, July 25 ..	Creswick Railway Station ..	4.30 p.m. ..	Driving ..	8.12 a.m. (26th)
Tuesday, July 26 ..	Ballarat Hay Market ..	9 a.m. ..	8.57 a.m. ..	Driving
Tuesday, July 26 ..	Waubra Post Office ..	11 a.m. ..	Driving ..	Driving
Tuesday, July 26 ..	Burrumbeet Railway Station ..	12 noon ..	Driving ..	Driving
Tuesday, July 26 ..	Trawalla Railway Station ..	1 p.m. ..	Driving ..	Driving
Tuesday, July 26 ..	Skipton Post Office ..	3 p.m. ..	Driving ..	Driving
Tuesday, July 26 ..	Linton Post Office ..	4 p.m. ..	Driving ..	Driving
Wednesday, July 27 ..	Romsey Railway Station ..	10.30 a.m. ..	10.30 a.m. ..	2.15 p.m.
No. 14.				
Monday, July 25 ..	Marong Railway Station ..	9.30 a.m. ..	Driving ..	Driving
Monday, July 25 ..	Bridgewater Railway Station ..	10.15 a.m. ..	Driving ..	Driving
Monday, July 25 ..	Inglewood Railway Station ..	11 a.m. ..	Driving ..	Driving
Monday, July 25 ..	Logan Hotel ..	2 p.m. ..	Driving ..	Driving
Tuesday, July 26 ..	Wycheproof Sale Yards ..	10 a.m. ..	Driving ..	Driving
Tuesday, July 26 ..	Nullawil Railway Station ..	11 a.m. ..	Driving ..	Driving
Tuesday, July 26 ..	Warne Railway Station ..	12 noon ..	Driving ..	Driving
Tuesday, July 26 ..	Culgoa Hotel ..	12.30 p.m. ..	Driving ..	Driving
Tuesday, July 26 ..	Berrivillock Railway Station ..	2 p.m. ..	Driving ..	Driving
Tuesday, July 26 ..	Sea Lake, Royal Hotel ..	3.30 p.m. ..	Driving ..	Driving
Wednesday, July 27 ..	Nyarrin Railway Station ..	10 a.m. ..	Driving ..	Driving
Wednesday, July 27 ..	Nandaly Railway Station ..	11 a.m. ..	Driving ..	Driving
Wednesday, July 27 ..	Charlton Show Grounds ..	3 p.m. ..	Driving ..	Driving
Thursday, July 28 ..	Korongvale Railway Station ..	10 a.m. ..	Driving ..	Driving
Thursday, July 28 ..	Wedderburn Railway Station ..	10.30 a.m. ..	Driving ..	Driving
Thursday, July 28 ..	Serpentine ..	1.30 p.m. ..	Driving ..	Driving
Thursday, July 28 ..	Bendigo Show Grounds ..	3 p.m. ..	Driving ..	Driving
No. 15.				
Monday, August 1 ..	Castlemaine Railway Station ..	9.30 a.m. ..	Driving ..	Driving
Monday, August 1 ..	Maldon Railway Station ..	10.30 a.m. ..	Driving ..	Driving
Monday, August 1 ..	Eastville ..	11 a.m. ..	Driving ..	Driving
Monday, August 1 ..	Eddington Hotel ..	11.30 a.m. ..	Driving ..	Driving
Monday, August 1 ..	Baringhup ..	1.30 p.m. ..	Driving ..	Driving
Monday, August 1 ..	Joyce's Creek ..	2.30 p.m. ..	Driving ..	Driving

STALLION PARADES, TIME TABLE—*continued.*

No. and Date.	Parade.	Time.	Officer Arrives.	Officer Departs.
Monday, August 1 ..	Newstead Railway Station ..	3.30 p.m. ..	Driving ..	Driving
Tuesday, August 2 ..	Barfold Railway Station ..	9.30 a.m. ..	Driving ..	Driving
Tuesday, August 2 ..	Redesdale Hotel ..	10 a.m. ..	Driving ..	Driving
Tuesday, August 2 ..	Kyneton Show Grounds ..	11.30 a.m. ..	Driving ..	Driving
Tuesday, August 2 ..	Woodend Railway Station ..	2 p.m. ..	Driving ..	Driving
Tuesday, August 2 ..	Trentham Railway Station ..	3 p.m. ..	Driving ..	Driving
No. 16.				
Monday, August 1 ..	Morwell Railway Station ..	11.45 a.m. ..	Driving ..	Driving
Monday, August 1 ..	Moe Railway Station ..	12.15 p.m. ..	Driving ..	Driving
Monday, August 1 ..	Trafalgar Railway Station ..	12.30 p.m. ..	Driving ..	Driving
Monday, August 1 ..	Warragul Show Grounds ..	1.30 p.m. ..	Driving ..	Driving
Monday, August 1 ..	Poowong Hotel ..	2.30 p.m. ..	Driving ..	Driving
Monday, August 1 ..	Nyora Hotel ..	3 p.m. ..	Driving ..	Driving
Monday, August 1 ..	Woodleigh Railway Station ..	3.30 p.m. ..	Driving ..	Driving
Monday, August 1 ..	Almurta Railway Station ..	4 p.m. ..	Driving ..	Driving
Monday, August 1 ..	Anderson Railway Station ..	4.30 p.m. ..	Driving ..	Driving
Tuesday, August 2 ..	Dalyston Hotel ..	9.15 a.m. ..	Driving ..	Driving
Tuesday, August 2 ..	Wonthaggi Railway Station ..	9.30 a.m. ..	Driving ..	Driving
Tuesday, August 2 ..	Kongwak Butter Factory ..	9.45 a.m. ..	Driving ..	Driving
Tuesday, August 2 ..	Jumbunna Hotel ..	10 a.m. ..	Driving ..	Driving
Tuesday, August 2 ..	Korumburra Railway Station ..	11 a.m. ..	Driving ..	Driving
Tuesday, August 2 ..	Leongatha Railway Station ..	12 noon ..	Driving ..	Driving
Tuesday, August 2 ..	Meeniyian Railway Station ..	1.30 p.m. ..	Driving ..	Driving
Tuesday, August 2 ..	Stony Creek Railway Station ..	2 p.m. ..	Driving ..	Driving
Tuesday, August 2 ..	Fish Creek Post Office ..	2.30 p.m. ..	Driving ..	Driving
Tuesday, August 2 ..	Foster, Exchange Hotel ..	3.15 p.m. ..	Driving ..	Driving
Tuesday, August 2 ..	Toora Railway Station ..	4 p.m. ..	Driving ..	Driving
Tuesday, August 2 ..	Welshpool Railway Station ..	4.30 p.m. ..	Driving ..	Driving
Wednesday, August 3 ..	Yarram Sale Yards ..	9 a.m. ..	Driving ..	Driving
Wednesday, August 3 ..	Won Wron Railway Station ..	10 a.m. ..	Driving ..	Driving
Wednesday, August 3 ..	Gormandale Post Office ..	10.30 a.m. ..	Driving ..	Driving
Wednesday, August 3 ..	Rosedale Railway Station ..	11.15 a.m. ..	Driving ..	Driving
Wednesday, August 3 ..	Kilmany Railway Station ..	11.30 a.m. ..	Driving ..	Driving
Wednesday, August 3 ..	Sale Railway Station ..	12.30 p.m. ..	Driving ..	Driving
Wednesday, August 3 ..	Stratford Railway Station ..	1.15 p.m. ..	Driving ..	Driving
Wednesday, August 3 ..	Bairnsdale Sale Yards ..	2.30 p.m. ..	Driving ..	Driving
Thursday, August 4 ..	Benambra Hotel ..	9.30 a.m. ..	Driving ..	Driving
Thursday, August 4 ..	Omeo, Golden Age Hotel ..	10.30 a.m. ..	Driving ..	Driving
Thursday, August 4 ..	Tongio Homestead ..	11.30 a.m. ..	Driving ..	Driving
Thursday, August 4 ..	Ensay South Hotel ..	12.30 p.m. ..	Driving ..	Driving
Thursday, August 4 ..	Bruthen, Bruthen Inn ..	2.30 p.m. ..	Driving ..	Driving
Thursday, August 4 ..	Lakes Entrance Club Hotel ..	3.30 p.m. ..	Driving ..	Driving
Thursday, August 4 ..	Nowa Nowa Hotel ..	4 p.m. ..	Driving ..	Driving
Thursday, August 4 ..	Buchan, River View Hotel ..	4.45 p.m. ..	Driving ..	Driving
Friday, August 5 ..	Orbost, Club Hotel ..	10.30 a.m. ..	Driving ..	Driving
Friday, August 5 ..	Cann River, Hotel ..	1.30 p.m. ..	Driving ..	Driving
Friday, August 5 ..	Club Terrace, Roadside ..	2.30 p.m. ..	Driving ..	Driving
Friday, August 5 ..	Cabbage Tree Post Office ..	3 p.m. ..	Driving ..	Driving
Saturday, August 6 ..	Jenson's ..	10.30 a.m. ..	Driving ..	Driving
Saturday, August 6 ..	Bonang Post Office ..	12 noon ..	Driving ..	Driving
Monday, August 8 ..	Maffra Railway Station ..	1.45 p.m. ..	Driving ..	Driving
Monday, August 8 ..	Tinamba Railway Station ..	2.45 p.m. ..	Driving ..	Driving
Monday, August 8 ..	Heyfield Railway Station ..	3.15 p.m. ..	Driving ..	Driving
Monday, August 8 ..	Cowwarr Railway Station ..	3.45 p.m. ..	Driving ..	Driving
Monday, August 8 ..	Traralgon Railway Station ..	4.30 p.m. ..	Driving ..	Driving
Tuesday, August 9 ..	Pakenham Railway Station ..	9 a.m. ..	Driving ..	Driving
Tuesday, August 9 ..	Bunyip Railway Station ..	10 a.m. ..	Driving ..	Driving
No. 17.				
Wednesday, September 21 ..	Royal Show ..	10 a.m. ..	Driving ..	Driving
Thursday, September 22 ..	Royal Show ..	9 a.m. ..	Driving ..	Driving

Dairy Produce Trade

A CONTINUED increase in the production of milk and dairy products, following increasing cow numbers, a growing proportion of dairy cows to total cattle and increased productivity per cow, is revealed in a report just issued by the Imperial Economic Committee.* The growth has, however, been less pronounced in recent years, and adverse climatic factors in important regions in 1936 and 1937 caused a check to the increasing world exports of butter, the chief dairy product entering world trade.

Between 1930 and 1936 the consumption of butter, a commodity with an elastic demand, showed the greatest increase where price reductions were fully felt, as in the United Kingdom and Denmark, countries also in which margarine consumption is a factor; in both countries there was a slight reduction in 1936, when prices rose appreciably. Consumption in the United Kingdom is equivalent to about 25 lb. per head per annum, in Denmark to 20 lb., in the United States of America and Germany to about 17 lb., and in France to 13 lb. Apparent consumption is particularly high in Empire countries and greatest in New Zealand and the Irish Free State with over 40 lb. each per head per annum.

Since the beginning of the present century world trade in butter has shown a rapid and almost continuous expansion, but there was a slight recession in 1936. The United Kingdom took over four-fifths of world imports in 1936, compared with two-thirds in 1930, an increase in actual volume of 46 per cent.; the quantity received from Empire countries increased to 53 per cent. of the total imports into the United Kingdom, but had been as high as 57 per cent. in 1935. Imports into other countries have declined substantially, chiefly as a result of restrictive measures, which followed a marked rise in imports in depression years, or formed part of a general policy of greater self-sufficiency; in many cases, however, the trend is again upward.

Cheese consumption appears to have increased in many countries between 1930 and 1936; the United Kingdom was, however, an

exception, the apparent consumption of cheese having diminished in recent years, but with under 9 lb. per head this country is easily the largest consumer in the Empire. Consumption in European countries is high, and apparently increasing, the figure for France and Germany being 12 lb. per head, and for Switzerland over 18 lb.

International trade in cheese declined by 21 per cent. between 1930 and 1936, but 1937 may show a recovery. Empire shipments were practically unchanged in volume over the period; supplies from New Zealand declined and those from Canada increased, thus reversing trends which had been in evidence for many years. The proportion of world's imports taken by the United Kingdom rose to over half the total between 1930 and 1936, although actual imports declined by 14 per cent.; supplies from Empire sources accounted for about 90 per cent. of United Kingdom imports.

World exports of eggs fell by 27 per cent. between 1930 and 1936, but the latter year showed an increase of nearly 10 per cent. compared with 1935, and the recovery apparently continued in 1937. Imports into the United Kingdom were only 7 per cent. less in 1936 than in 1930, although they had been lower in the intervening years; as a result this country took more than half the total world exports last year, against under two-fifths in 1930. Empire countries accounted for a growing share of United Kingdom imports until 1934, but were severely reduced in the two following years. Egg consumption appears to be particularly high in Canada and the Irish Free State, where it averages not far short of 300 eggs per head per year. Consumption in the United Kingdom is estimated at 158 per head in 1936, and in Germany at 114.

The decline in prices of dairy products began later, but persisted longer, and was more severe than for agricultural products in general. The recovery in butter prices in 1935 was more marked than for most farm commodities, and continued in 1936, when quotations were back to the level of about 1932. During

* *Dairy Produce*: a summary of figures of production and trade relating to butter, cheese, preserved milk, casein, eggs and egg products. Published by H.M. Stationery Office. Price 2s. 6d.

the period under review, New Zealand butter, in growing supply, fell more than Danish, which was declining in quantity, and on which a tariff operated from 1932, but the first-named has shown a greater relative price advance in the past two years. Cheese has shown a broadly similar movement to butter, although a comparatively small increase in price in 1935 was followed by a marked increase in 1936. The fall in egg prices was less severe than in dairy products. Since 1931 total supplies on the United Kingdom market have been fairly uniform, and prices have shown little movement, with a tendency for home produced, in declining supply, to increase relatively to imported in 1935 and 1936. The upward movement in prices continued for all dairy products in 1937.

The report also reviews the production and trade of processed milk (condensed and dried), and points out that, while the United States is easily the chief producing country, the Netherlands accounts for more than three-fifths of the processed milk entering world trade. The United Kingdom is the biggest and, apart from tropical countries, practically the only importer of processed milk. Imports were reduced by more than one-third between 1930 and 1936, due largely to quantitative regulations, and at the same time exports increased. Casein is exported chiefly by Argentina and France, with Germany the main market, followed by the United Kingdom. World exports reached record levels in 1936, but the quantity taken by the United Kingdom declined.

Irrigated Pasture Competition

(Continued from page 213).

taken that such a plant will be one suitable to local conditions) and breaking it up into sets which can be planted 6 inches apart in rows. Water these every fortnight to three weeks with an amount equal to a layer of water 3 inches deep over the box, putting it on in a manner allowing proper penetration. In April manure them with superphosphate at the rate of one ounce to the square yard. Two or three days after each watering, if there is ample growth, cut them back to about 2 inches from the ground with a pair of shears, and if it is desired to introduce the experimental outlook weigh the produce of each plot as soon as it is cut and keep a record. After clipping remove weeds, annual grasses, &c. The schedule given approximates to field treatment of a permanent irrigated pasture and should maintain the perennial species boxes in a good condition in regard to moisture, plant food, and condition of the herbage during the year. Repaint the labels occasionally, and also the wooden framework surrounding the plot.

With the annuals the manuring may be reduced to half an ounce per square yard, and the watering and cutting can be discontinued when it is noted

that seed formation is good. With subterranean clover allow the plants to die off and later remove the debris. In February commence watering again, and it will be seen that there is an immediate response shown by the growth of many seedling plants. With berseem and crimson clover it will be better to harvest the seed, and use this for replanting the following season, mixing the superphosphate with the seed and recommencing the routine of watering and cutting.

As the table of points indicates, very little fault could be found with the Nanneella Estate exhibit, but it should be some consolation to the other entrants that this school has had the advantage of more frequent contact with the judges, being entered in the Rochester competition, and the inclusion this year of a test in regard to species mixtures shows that it has been quick to take note of recommendations made in the competition reports and to put them into effect. These plots can be rapidly built up into first-class condition, and following the above notes it is hoped that next season the other schools will equal if not surpass the Nanneella Estate School's performance this season.





By A. W. Jessep, M.Agr.Sc., B.Sc., Dip. Ed., Principal School of Horticulture, Burnley

The Flower Garden.

WITH May comes the cleaning up period in the garden. The summer annuals have outlived their usefulness and must be cleared away as soon as possible to allow the area to be prepared for the planting of hardy annuals. The borders will require attention, and the herbaceous perennials such as perennial phlox, asters, &c., should be cut back. Fork between the plants, leaving the earth in the rough state so as to allow the air and frost to enter, and if necessary, give it a good dressing of lime.

The pruning back of shrubs depends on several factors, but many of them may be so treated at this time. Those that are planted for their blooms should, generally speaking, be cut back after they finish flowering. The autumn-tinted deciduous plants produce some wonderful colours in the autumn, and herald in the spring with gorgeous new growths. This year the autumn tints in the garden have been excellent. Climatic conditions of some districts may limit the amount of autumn foliage. It is often a disappointment to people to visit the hill country, see wonderful autumn colouring, purchase the plant and look

after it carefully, only to find that a hot north wind has scorched the foliage, turning it dead brown instead of the beautiful colour produced in the hills. Nevertheless, there are some plants that will withstand most conditions found in Victoria, if water is available. Every garden should contain some deciduous plants.

Some of the best of the autumn-tinted foliage plants are:—

Viburnum tomentosum, which produces bunches of flowers similar to the Snowball Tree, and in late autumn it is covered with large, ruby crimson leaves. It grows to a height of 5 or 6 feet.

Japanese Maple, is a large shrub which, in the hill country, colours in the autumn most beautifully in tints of yellow, crimson and orange red. It requires a sheltered position, otherwise it burns badly.

Rhus succedonea.—This is a shrub with a graceful habit, and the autumn colouring is very fine indeed. For general purposes, it is one of the most satisfactory. Some of the *Rhus* varieties are dangerously poisonous, so select them carefully.

Copper or Purple Beeches.—In the cooler districts this is a beautiful tree, but in the hotter areas its

place should be taken by the dark purple flowering plum—*Prunus pissardi nigra*.

The Liquidamber—Sweet Gum Tree—is a taller grower, of a pyramidal shape, and changes from a vivid green in spring to a coppery tint in the autumn.

The Tulip Tree, Liriodendron, is a slow grower, usually taking ten to fifteen years before it flowers. The flowers are very attractive, and so are the leaves when they colour up to a golden hue in the autumn.

Some of the Barberry bushes change to a beautiful autumn colour which, combined with their berries, makes them very attractive. *Berberis darwinii* and *B. wilsoni* have attractive flowers and berries, but *Berberis thunbergii atropurpurea* has the most brilliant reddish-brown foliage.

There are autumn-tinted plants available to suit almost any condition, ranging from dwarf shrubs to trees, and from yellow colours to vivid reds. Before purchasing, it is advisable to ascertain the habit of the plant, and whether or not it is suitable to your particular climatic conditions. As there are usually many somewhat similar plants with the same lay or common name, it is essential to either describe it carefully or obtain a specimen, and ascertain the true trade name, e.g., there are a large number of different flowering plums. It is of little use asking a nurseryman for a flowering plum, unless you specify which one. If you do not, then most likely you will not be supplied with the one you require.

The area in which it is intended to plant the deciduous trees and shrubs in June and July should be prepared this month. When purchasing them ask the nurseryman to prune the top portion and trim up the roots.

The Vegetable Garden.

At this time of the year the vegetable garden has a rather untidy appearance. The melons, cucumbers and pumpkins are browning off and this is usually accompanied by mildew. As soon as these vegetables are ripe enough the vines can be removed and the area given a good clean up. The cold nights have practically stopped the growth of the French beans and tomatoes. The bulk of these can be removed and it is advisable to burn them because of the possibility of attack by red spider. The area should be dug up and left in the rough to allow the air and frost to help sweeten it up. It is often an advantage to give

a dressing of lime—about one-third of a pound to the square yard. Look out for, and destroy any pests, and burn any stakes and old plants that may be harboring them. Make further sowings of broad beans, peas, spinach, and leeks, and an early sowing of onions. Plant out garlic, eschalots, and make an early sowing of potatoes.

The area should be prepared this month for the transplanting of such perennial plants as rhubarb and culinary herbs. If gooseberries, loganberries, and currants are going to be planted, select the area and have it ready for planting in June. Rhubarb, or pie plant, as it is called in America, is one of the most popular of the vegetables in the garden, and at the same time it is very easy to grow. Its main requirements are a well-drained soil, rich in plant food, and plenty of water.

Prepare the area for planting by digging it deeply, and if not naturally rich, add a supply of farmyard manure, using cow and poultry manure for sandy soils and stable manure for heavy soils. When planting, select well-rooted portions containing a sound crown and plant them 3 feet apart in the rows, and 4 feet between the rows. There are winter and summer varieties, so rhubarb may be obtained all the year round.

Toop's Winter, or as it is called in New South Wales, Sydney Crimson, and Keck's Wonderful, are both large-stalked winter varieties with good colour and flavour, and very prolific. Mariner's Crimson and Victoria Giant are good summer varieties and produce prolific crops of good quality with large-stems. Wilson's Ruby is not such a large-stemmed variety, but it is good all the year round type. It does not yield as well in the winter as do the winter varieties, but it does produce stalks for the greater part of the year.

During the first year after planting pick very sparingly, if at all. The first leaves are necessary to give the plant a good start. Never completely strip a plant, as that gives it a setback. Do not cut the stems off with a knife as it leaves stumps which decay and partly damage the next crop. Pull them with a quick outward and upward movement. After removing the leaves give the plants a light forking and some farmyard manure, and if necessary, a good watering. Rhubarb requires plenty of water. If any flower stalks appear, remove them immediately. Although the clump should last for years, it is an advantage to take it up and transplant it every few years. For the average family about eight clumps should be sufficient.

Orchard Notes

By J. L. Provan, B.Agr.Sc., Senior Horticultural Instructor.

In the deciduous orchards only a few late varieties of apples—Yates and Democrat—remain to be harvested, and those growers who are not busy packing for export are turning their attention to a general clean-up. Efforts in orchard sanitation are well repaid and the extent of the reward will depend upon the thoroughness of the operation. This season some growers experienced high codling moth infection in their fruit, and if commercial control of this pest is to be obtained next season, a very thorough campaign of orchard hygiene will be necessary. Remember, control of the spring brood of codling moth commences immediately the previous crop is harvested. Do not rely on heavy coatings of lead and persistent films of oil to combat codling. Chemical and hessian bandages should be removed and burned, and infected, fallen fruit destroyed. Props, posts, tree-trunks and branches should be examined for sheltering larvae and the amount of shelter reduced to a minimum. Picking boxes and cases can be sterilized by dipping in a boiling solution of washing soda, 1 lb. in 20 gallons. Packing sheds and store rooms, if made moth proof, will reduce the infection in the surrounding trees.

Peach, plum, cherry, and apricot trees which were affected by brown rot, frequently carry a number of dried up mummies. These should be removed and burned, and the affected twigs pruned away. Trees which were affected with rust or shot hole should be sprayed with 6.4.40 Bordeaux mixture. This autumn application greatly assists in combating these diseases in the following season. In several districts last season, shot hole and scab of apricots were prevalent, and growers are advised to adopt the autumn spray as a safeguard for their crop next season.

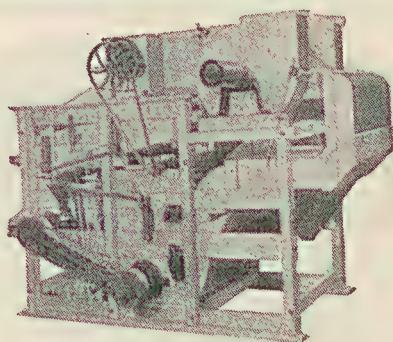
The harvesting of passion fruit is a very important operation, and the best results are obtained only if attention is given to several factors. The fruit at this time of the year should be allowed to develop a deep purple colour before picking, and it should be gathered daily, preferably in the early morning or the late afternoon, when the fruit is cool. Wet fruit should be dried before packing, and fruit should always be handled very carefully to prevent skin damage. In picking, the stalk should be broken just above

the dead flower, and the picked fruit should be placed in a cool, sheltered place protected from winds. This will prevent shrivelling and wrinkling. Wrinkled fruit does not fetch the same market price as smooth, well-coloured fruit.

At this time of the year outfalls of drains should be inspected to ascertain whether they are functioning normally. A large proportion of the apple and pear trees showing symptoms of die-back may be suffering from insufficient drainage. It is not always necessary to drain deeply. The depth of drainage will depend upon the conformity and depth of the impermeable, clay subsoil. In quite a number of orchards in southern Victoria the drains are placed only 18 to 24 inches deep, and this is sufficient, for the majority of orchards on the clay soils of this part of the State. Under irrigation conditions and in deeper sandy soils drains 5 feet deep sometimes are necessary.

Growers harvesting early Washington Navel oranges will be colouring them by means of ethylene gas. Extreme care should be taken in harvesting fruit to be coloured, otherwise green spots will be visible on the coloured fruit. These spots are referred to as oleocellosis and are caused by the released oil from the rind cells retarding, and in some cases destroying, the pigmented tissue in the rind of the orange. When the fruit is green and turgid the oil cells are easily injured, and even slight abrasions are sufficient to rupture the oil cells and liberate sufficient oil to cause spots to develop. Fruit which is picked too early may not develop a good orange colour in the ethylene chamber, but after perhaps a week, may attain a light lemon yellow colour only. Poorly coloured fruit is not attractive to the general public, and growers who experience this difficulty are advised to delay harvest for several weeks. It must be realized that ethylene gas can only hasten the development of the pigment already present in the rind; it cannot be expected to put the colour in the rind.

Citrus growers requiring packing charts for oranges, lemons and grape fruit should apply to the Director, Department of Agriculture, Melbourne, C.2. They will be supplied free on application.



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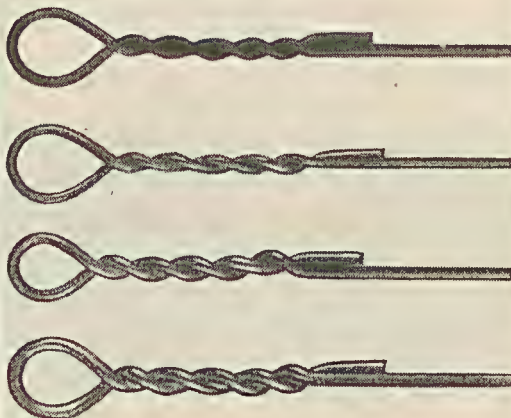
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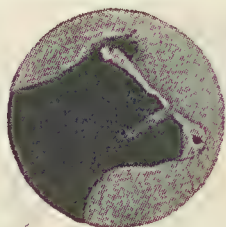
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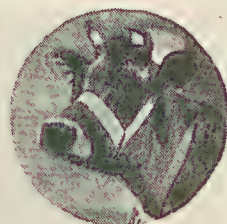
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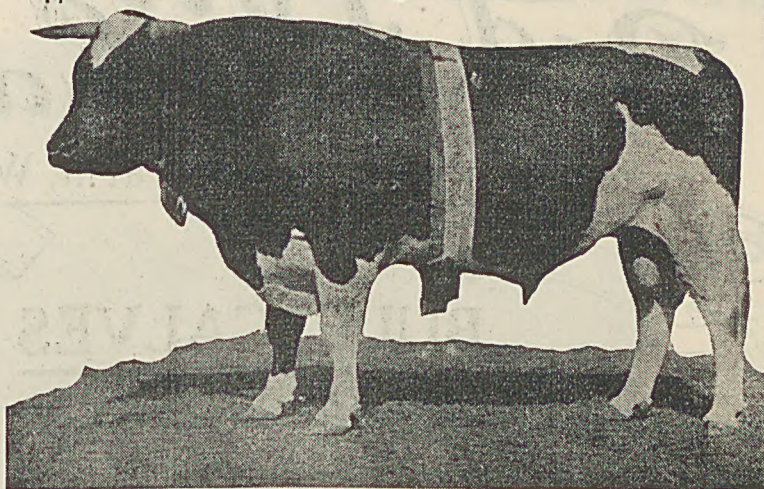
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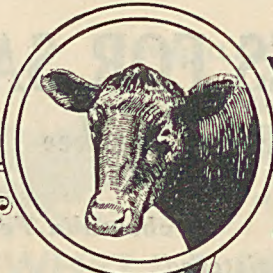
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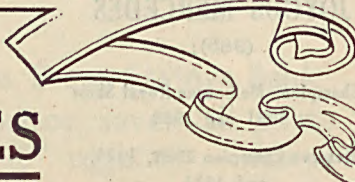
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| <p>No. 3. VICTORIA PHILIP. (A, C.R.) Born 19th June, 1937
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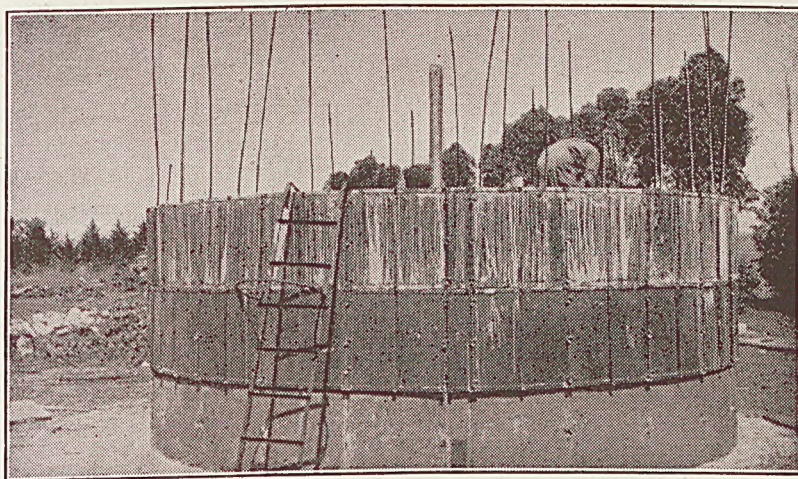
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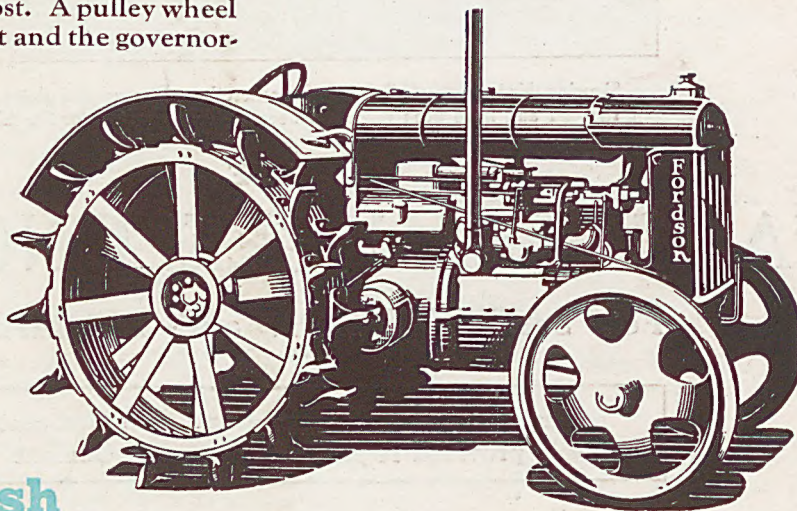
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